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**An ISO 9001:2015 Certified Company**

**The Equipment have CE Certified**

**KEMI**

**PRICE LIST 01.06.2021**

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| KEMI B.O.D INCUBATOR [COOLING INCUBATOR]:-  Most versatile for Biochemical Oxygen Demand determinations. These Cooling Incubators are designed specially for close control of incubation/ storage temperatures. These are used for BOD test, storage of sensitive cultures, vaccines etc; culture of bacteria micro -organism and plant life; serum incubation studies and immunological work etc. There is provided illumination inside the working chamber with the help of CFL. Double wall construction, inner made of Alu/SS and outer M.S duly powder coated with adjustable trays. The instrument is having CFC free refrigeration and heating system with powerful Air circulation for creating positive airflow throughout the working chamber. The unit having a temperature range from 5 0 C to 60 ° C with an accuracy of +/- 0.5 ° C. Temperature is controlled by Kemi Make Micro Processor Digital Temperature Controller cum Indicator.   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | [A] Inner chamber Alu | | | | | | | | | | | | | Model No. | | Volume | | Inn Chamber  WxDxH (mm) | CAP | | No. of shelves | Qty | | Price (Rs.) | | | KBOD-3A | | **90Ltrs** | | **420 x 400 x 650 mm** | **3Cft.** | | 2 | 1 | | **84000-00** | | | KBOD-6A | | **150 Ltrs** | | **450 x 400 x 820 mm** | **6Cft** | | 3 | 1 | | **86000-00** | | | KBOD-10A | | **275 Ltrs** | | **570 x 510 x 930 mm** | **10 ft.** | | 3 | 1 | | **96000-00** | | | KBOD-12A | | **350 Ltrs** | | **620 x 570 x 1000 mm** | **12Cft** | | 3 | 1 | | **104000-00** | | | [B] Inner chamber S.S. | | | | | | | | | | | | | Model No. | Volume | | Inn Chamber  WxDxH (mm) | | | Cap | No. of shelves | | Qty | | Price  (Rs.) | | KBOD-3S | **90Ltrs** | | **420 x 400 x 650 mm** | | | **3Cft.** | 2 | | 1 | | **92000-00** | | KBOD-6S | **150 Ltrs** | | **450 x 400 x 820 mm** | | | **6Cft.** | 3 | | 1 | | **96000-00** | | KBOD-10S | **275 Ltrs** | | **570 x 510 x 930 mm** | | | **10Cft.** | 3 | | 1 | | **108000-00** | | KBOD-12S | **350 Ltrs** | | **620 x 570 x 1000 mm** | | | **12Cft** | 3 | | 1 | | **116000-00** |   Optional :-  **a) Chamber illumination with the help of Flu. Lamp each Rs.1400/-**  **b) Sterilization of work area with the help of UV Lamp each Rs.3000/- c) Cyclic Timer 0-24 hours for regulating UV lamp Rs. 4200/-**  **d) Automatic Voltage Stabilizer Rs. 7200/-**  **Note: Full Stainless Steel unit can be supplied in all models at on specific order**  **NB :- Non use of stabilizer will render the warranty of the equipment invalid.**  **Front door made of Toughened glass can be fitted on special request** |

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| KEMI BLOOD BANK REFRIGERATOR  It is an eco friendly CFC free refrigerant and specially designed for storing blood bags and other specific medical products like vaccines, cultures, reagents, etc., in fixed temperature of 4 0 C to 6 °C with an accuracy of +/- **1** 0 C. Made of double walled Inner chamber stainless steel and outer mild steel duly powder coated.  •Temperature Controller: Fully Automatic Micro Processor Controller  •Refrigeration : By hermetically sealed compressor unit with capillary controlled balanced system  •Insulation : PUF  •Illumination: Internal cabinet lighting is provided with CFL, whenever the door is opened  •Door : Made of toughened glass with frame  •Storage: Provided SS trays for storing standard Blood Bags  •Safety : An audio visual alarm which comes in to operation in case of temperature variation beyond limit, either power failure or any other reason there by protecting the precious samples stored inside.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Capacity | Volume | Inn Chamber WxDxH | Shelves | Qty | Price  (Rs.) | | KBR-40 | 60 Blood Bags | 135 Ltr | 450x400x 800 | 4 | 1 | 92000-00 | | KBR-70 | 144 Blood Bags | 250 Ltr | 520 x 490x1000 | 4 | 1 | 112000-00 | | KBR-120 | 244 Blood Bags | 375 Lrr | 600 x 520x1200 | 4 | 1 | 124000-00 | | KBR-144 | 288 Blood Bags | 620 Ltr | 780 x 680 x1200 | 4 | 1 | 167000-00 |   **Optional:-**  **a)Recorder -7 days Circular chart Recorder – Inkles Type Rs.46000/-**  **b**)Bulls eye **microprocessor controller with RS 232 interfase to take**  **printout in regular interval with out printer Rs.46000/-**  **c)Voltage Stabilizer Rs.7200/-**  **d)Battery backup for digital temp: shown for dig display during**  **power failure RS.10200/-**  Note: **Outer body SS quality can be fabricated on extra cost**  NB : **Non use of stabilizer will render the warranty of the equipment invalid** |

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| **KEMI BLOOD BAG SHAKER**  **Oscillating Platform is made up of SS, been oscillated up and down with approximate 30mm displacement at the end.**   |  |  |  | | --- | --- | --- | | **Model No.** | **Qty** | Price (Rs.) | | **KBBS-1** | **1** | **7200-00** | |

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| **KEMI PLATELET AGITATOR**  **It is specially designed to maintain donor platelets in an even suspension throughout blood plasma. Platelet Agitator agitates at fixed speed of 70-80 strokes per minute. Maximum 32 standard blood bags can be accommodated.**   |  |  |  |  | | --- | --- | --- | --- | | **Model No.** | **No. of Stokes** | **Cap Max** | Price (Rs.) | | **KPA-1** | **70-80/Min** | **32 Std Blood Bags** | **35000-00** | |

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| KEMI PLATELET INCUBATOR  **These platelet Incubators are specially designed for close environment control for stored platelets. Ideally suitable for accommodating KEMI Platelet Agitator. Temperature range can be adjusted from 5 ° C to 60 ° C. Constructed of double walls, the exterior is made of mild steel duly powder coated and the inner chamber is made of SS .The plexy glass inner door make it is possible to inspect without disturbing the temperature. All controls are mounted at the bottom of Platelet Incubator.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | **Inn** Size **L x B x H (mm)** | Volume | **Qty** | Price (Rs.) | | KPI-1 | **480 x 380 x580** | **110 Ltr** | **1** | **122000-00** |   a) **Recorder -7 days Circular chart Recorder – Inkles Type Rs.46000/-**  b) **Automatic Voltage Stabilizer Rs.7200/-**  **NB :** Non **use of stabilizer will render the warranty of the equipment invalid** |

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| KEMI PLASMA THAWING BATH  **Made of outer MS sheet duly powder coated and inner made of SS sheet. The temp is maintained by a programmable micro processor controller of temp range of + 37°C to 56°C, +/-0.5°C with audio visual alarm for low & high temp. Mechanism of thawing is by pumping mechanism of high capacity pump and maintenance of temp of water by heater with sealed sensor dipped directly in water. Removable type S.S tray with partition for holding 12 bags. Foldable lid with outer S.S and inner plastic with two handles. The whole unit is to work in 230V, 50Hz.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inner Size  W x D x H | Capacity | Cap of Plasma bag | Qty | Price  **(Rs.)** | | **KPTB**-1 | **470x290x260mm** | **40Ltr** | **12-15** | **1** | **83000-00** | |

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| KEMI PLASMA FREEZER  **Plasma Freezer are designed for quick freezing and storing of plasma and related blood components at desired low temperature up to - 35°C. Available in vertical and horizontal models.**  Horizontal: **- Provides uniform storage of plasma and related blood component products, preset temperature at -35°C with micro controller and circular chart recorder.**   |  |  |  |  | | --- | --- | --- | --- | | **Model No.** | **Capacity** | Qty | **Price (Rs.)** | | **KPFH**-1 | **130 plasma bags** | 1 | **128000-00** | | **KPFH**-2 | **240 plasma bags** | 1 | **146000-00** |   Vertical:-**For storage of plasma bags at -35°C with circular chart recorder**   |  |  |  |  | | --- | --- | --- | --- | | **Model No.** | **Capacity** | Qty | **Price (Rs.)** | | **KPFV**-1 | **130 plasma bags** | 1 | **145000-00** | | **KPFV**-2 | **240 plasma bags** | 1 | **172000-00** |   **Optional:-Automatic Voltage StabilizerRs.7200/-**  **NB : Non use of stabilizer will render the warranty of the equipment invalid** |

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| KEMI DEEP FREEZER - HORIZONTAL (CHEST TYPE)Upto -20°C  **This is an eco friendly and CFC free refrigerment unit. Constructed of double wall, the exterior is made of M.S Sheet, duly powder coated, interior of SS having PUF insulation to minimize heat loss. Capillary controlled, balanced and hermetically sealed refrigeration is most economical, trouble free and exceptionally quiet performance. Temperature is controlled by Micro Processor based Digital Temperature Controller with single compartment having an accuracy of +/- 3 °C.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension  [W x D x H] | Max. Temp | Vol. | Qty | Price  **(Rs.)** | | KDF-1 | **500 x 380 x 600 mm** | **-20 °C** | **115Ltrs** | 1 | **74000-00** | | KDF-2 | **800 x380 x600mm** | **-20 °C** | **180Ltrs** | 1 | **80000-00** | | KDF-3 | **1200 x400 x600 mm** | **-20 °C** | **300 Ltrs** | 1 | **100000-00** | | KDF-4 | **1200 x500 x700 mm** | **-20 °C** | **425 Ltr** | 1 | **116000-00** |   Optional:-**Automatic Voltage Stabilizer Rs.7200/- NB : Non use of stabilizer will render the warranty of the equipment invalid**. |

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| KEMI DEEP FREEZER -HORIZONTAL [CHEST TYPE] Upto -35 ° C  **This is an eco friendly and CFC free refrigerment unit. Constructed of double wall, the exterior is made of M.S Sheet, duly powder coated, interior of SS having PUF insulation to minimize heat loss. Capillary controlled, balanced and hermetically sealed refrigeration is most economical, trouble free and exceptionally quiet performance. Temperature is controlled by Micro Processor based Digital Temperature Controller Cum Indicator [LED] with single compartment.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension  [W x D x H] | Max. Temp | Vol. | Qty | Price  **(Rs.)** | | KDF-1SP | **500 x 380 x 600 mm** | **-35 °C** | **115 Ltrs** | 1 | **112000-00** | | KDF-2SP | **800 x380 x600 mm** | **-35 °C** | **180 Ltrs** | 1 | **124000-00** | | KDF-3SP | **1200 x 400 z 600 mm** | **-35 °C** | **300 Ltrs** | 1 | **145000-00** |   Optional:-**Automatic Voltage Stabilizer Rs.7200/- NB : Non use of stabilizer will render the warranty of the equipment invalid**. |

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| KEMI DEEP FREEZER -VERTICAL [UPRIGHT] Upto -20°C  **This is an eco friendly and CFC free refrigerant and constructed of double wall, the exterior is made of M.S Sheet, duly powder coated and interior of S.S having PUF insulation to minimize heat loss. Capillary controlled, balanced hermetically sealed refrigeration is most economical, trouble free and exceptionally quiet performance and supplied with four nos standard storing trays. Temperature is controlled by Micro Processor based Digital Temperature Controller Cum Indicator having an accuracy of +/- 3 °C**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension  [W x D x H] | Max. Temp | Vol. | Qty | Price  **(Rs.)** | | KDFV-1 | **400 x 425x680 mm** | **-20 °C** | **110 Ltrs** | 1 | **83000-00** | | KDFV-2 | **500 x 425 x 800 mm** | **-20 °C** | **170 Ltrs** | 1 | **89000-00** | | KDFV-3 | **500 x 580 x 980 mm** | **-20 °C** | **285 Ltrs** | 1 | **103000-00** | | KDFV-4 | **650 x 640 x 1000 mm** | **-20 °C** | **425 Ltrs** | 1 | **127000-00** |   Optional:-**Automatic Voltage Stabilizer Rs.7200/- NB : Non use of stabilizer will render the warranty of the equipment invalid**. |

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| KEMI DEEP FREEZER -VERTICAL (UPRIGHT) Upto -35 ° C  **This freezer specially engineered with superior insulation and specially designed refrigeration system. Double wall with exterior of M.S with duly powder coated, interior of S.S having PUF insulation to minimize heat loss. Capillary controlled, balanced hermetically sealed refrigeration is most economical/trouble free and exceptionally quiet performance and also provided with castor wheels. Temperature is controlled by Micro Processor based Digital Temperature Controller Cum Indicator [LED] with four nos standard storing trays** upto -35 ° C **having an accuracy of +/- 3 °C.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension  [W x D x H] | Max. Temp | Vol. | Qty | Price  **(Rs.)** | | KDFVSP-1 | **400 x 425 x 680 mm** | **-35 °C** | **110 Ltrs** | **1** | **135000-00** | | **KDFVSP-2** | **500 x 425 x 800 mm** | **-35 °C** | **171Ltrs** | **1** | **150000-00** | | **KDFVSP-3** | **500 x 580 x 980 mm** | **-35 ° C** | **285 Ltrs** | 1 | **177000-00** |   Optional:-**Automatic Voltage Stabilizer Rs.7200/- NB : Non use of stabilizer will render the warranty of the equipment invalid**. |

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| KEMI ULTRA LOW FREEZERS  A)HORIZONTAL [CHEST TYPE] Up to -80 0 C [in AC room.]  **This freezer specially engineered superior insulation and specially designed refrigeration system. Double walled with exterior of MS with duly powder coated interior of SS having PUF insulation to minimize heat loss. Capillary controlled, hermetically sealed CFC free refrigeration system to ensure most economical / trouble free and exceptionally quiet performance and also provided with castor wheels. Temperature is controlled by Micro Processor Based Digital Temperature Controller Cum Indicator [LED] with single compartment upto -80 °C in AC room having an accuracy of +/-10**°C.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | Qty | Price  **(Rs.)** | | KDFH-U 1 | **110 ltrs** | **550 x370 x680 mm** | 1 | **317000-00** | | KDFH-U 2 | **170 ltrs** | **800 x 370 x 680 mm** | 1 | **346000-00** | | KDFH-U 3 | **285 ltrs** | **1200 x 370 x680 mm** | 1 | **476000-00** |   B)**Same as above but** Temperature -40 °C to -70 °C [in AC room.]   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | Qty | Price  **(Rs.)** | | KDFH-L 1 | **110 ltrs** | **550 x370 x680 mm** | 1 | **278000-00** | | KDFH-L 2 | **170 ltrs** | **800 x 370 x 680 mm** | 1 | **296000-00** | | KDFH-L 3 | **285 ltrs** | **1200 x 370 x680 mm** | 1 | **434000-00** |   Optional:-**Automatic Voltage Stabilizer Rs.7200/- NB : Non use of stabilizer will render the warranty of the equipment invalid**.  C) VERTICAL [UPRIGHT] Upto -80 °C [in AC room.]  **This freezer specially engineered superior insulation and specially designed refrigeration system. Double walled with exterior of MS with duly powder coated interior of SS having PUF insulation to minimize heat loss. Capillary controlled, hermetically sealed CFC free refrigeration system to ensure most economical / trouble free and exceptionally quiet performance**. **The unit is supplied with four nos standard storing trays with castor wheels. Temperature is controlled by Micro Processor Based Digital Temperature Controller [LED] upto -80 °C in AC room having an accuracy of +/-10**°C.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | Qty | Price  **(Rs.)** | | **KDFV-U** 1 | **110 ltrs** | **425 x400 x680 mm** | 1 | **331000-00** | | **KDFV-U** 2 | **170 ltrs** | **500 x 425 x 845mm** | 1 | **394000-00** | | **KDFV-U** 3 | **285 ltrs** | **580 x 500 x 990 mm** | 1 | **508000-00** |   Same as above but Temperature -40 ° C to -70 ° C [in AC room.]   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | Qty | Price  **(Rs.)** | | **KDFV-L**1 | **110 ltrs** | **425 x400 x680 mm** | 1 | **292000-00** | | **KDFV-L** 2 | **170 ltrs** | **500 x 425 x 845mm** | 1 | **365000-00** | | **KDFV-L** 3 | **285 ltrs** | **580 x 500 x 990 mm** | 1 | **460000-00** |   Optional:-**Automatic Voltage Stabilizer Rs.7200/- NB : Non use of stabilizer will render the warranty of the equipment invalid**. |

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| KEMI HUMIDITY CABINET  [ENVIORNMENTAL TEST CHAMBER]  **Double wall construction, inside of Alu/S.S and outside of M.S duly powder coated with a front door having glass window to inspect the samples inside the chamber. These chambers are designed for environmental testing of production samples where both temperature and humidity are to be controlled. Temperature can be controlled from** 5° **C** to 60**°C with an accuracy of +/-1 ° C. Temperature and Humidity controlled by Digital Temperature Controller Cum Indicator-LED [Dual Display] from 40% to 90% with sensitivity of +/-3%. Power supply -220/230 V.**  INNER ALU   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | CAP | Qty | Price  **(Rs.)** | | KHC-1A | **90 Ltrs** | **418 x 380 x580mm** | **3 Cft.** | **1** | **100000-00** | | KHC-2A | **150 Ltrs** | **418 x440 x825 mm** | **6 Cft** | **1** | **104000-00** | | KHC -3A | **285 Ltrs** | **570 x 505 x 955mm** | **10 Cft** | **1** | **118000-00** | | KHC-4A | **350 Ltrs** | **620 x 570 xl050mm** | **12 Cft** | **1** | **136000-00** |   **INNER S.S.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | CAP | Qty | Price  **(Rs.)** | | **KHC-1SS** | **90 Ltrs** | **418 x 380 x550mm** | **3 Cft** | **1** | **112000-00** | | **KHC-2SS** | **150 Ltrs** | **418 x 440 x825 mm** | **6 Cft** | **1** | **126000-00** | | **KHC-3SS** | **285 Ltrs** | **570 x 505 x 955mm** | **10 Cft** | **1** | **136000-00** | | **KHC-4SS** | **350 Ltrs** | **616 x565 x1050mm** | **12 Cft.** | **1** | **145000-00** |   Optional:-**a**) **Micro processor controlled programmable Temperature and**  **Humidity controller upto 99% Humidity +/-5% Rs.25000/-**  **b) Bulls eye microprocessor programmable Temperature and  Humidity controller with RS 232 interfase to take printout**  **in regular interval with out printer Rs.46000/-**  **c) Chamber illumination with the help of Fluorescent lamps Rs.1400/-**  **d) Sterilization of work area with the help of 2 U.V Lamps Rs.6000/-**  **e) Cyclic Timer 0-24 hours for regulating of U.V lamps Rs.4200/-**  **f) Automatic Voltage Stabilizer Rs.7200/-**  **g) Hygrometer (Humidity Indicator). Humidity Range 0 to 100% R.H Rs.2800/-**  NB:**Non use of stabilizer will render the warranty of the equipment invalid** |

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| KEMI HUMIDITY OVEN  **Double walled construction outer body made of MS duly powder coated and inner S.S / Alu with a front door having glass window to inspect the samples inside the chamber. Temp: range having ambient +5 °C to 60 °C with an accuracy of +/-10C. Temperature and Humidity controlled by Digital Temperature Controller Cum Indicator-LED [Dual Display] from 40% to 90% with sensitivity of +/-3%. Supplied with relative Humidity Chart but without hygrometer. Power supply -220/ 230 V.**  **INNER ALU**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | CAP | Qty | Price  **(Rs.)** | | **KHO-1A** | **90 Ltrs** | **418 x380 x580mm** | **3 Cft.** | 1 | **66000-00** | | **KHO-2A** | **150 Ltrs** | **418 x440 x825 mm** | **6 Cft** | 1 | **71000-00** | | **KHO-3A** | **275 Ltrs** | **570 x 505 x 955 mm** | **10 Cft** | **1** | **86000-00** | | **KHO-4A** | **350 Ltrs** | **620 x 570x1050mm** | **12 Cft.** | 1 | **102000-00** |   **INNER S.S.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Vol. | Inn. Dimension  [W x D x H] | CAP | Qty | Price  **(Rs.)** | | **KHO-1SS** | **90 Ltrs** | **418 x380 x580mm** | **3 Cft.** | 1 | **78000-00** | | **KHO-2SS** | **150 Ltrs** | **418 x440 x825 mm** | **6 Cft** | 1 | **90000-00** | | **KHO-3SS** | **275 Ltrs** | **570 x 505 x 955 mm** | **10 Cft** | **1** | **98000-00** | | **KHO-4SS** | **350 Ltrs** | **620 x 570x1050mm** | **12 Cft.** | 1 | **120000-00** |  |  |  | | --- | --- | | **Optional:-** | | | **a)Micro processor controlled programmable Temperature and**  **Humidity controller upto 99% Humidity +/-3%** | **Rs.25000/-** | | **b)** Bulls **eye microprocessor programmable Temperature and**  **Humidity controller with RS 232 inter-fase to take printout**  **in regular interval with out printer** | **Rs.46000/-** | | **c) Chamber illumination with the help of Fluorescent lamps** | **Rs.1400/-** | | **d) Sterilization of work area with the help of 2 U.V Lamps** | **Rs.6000/-** | | **e) Cyclic Timer 0-24 hours for regulating of U.V lamps** | **Rs.4200/-** | | **f) Automatic Voltage Stabilizer** | **Rs.7200/-** | | **g) Hygrometer (Humidity Indicator). Humidity Range 0 to 100% R.H** | **Rs.2800/-** | |

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| KEMI DE-HUMIDIFIER (ENVIRONMENTAL CONTROLLER)  **The refrigerated unit is suitable for de-humidification of packaging cabin/rooms in food and chemical industry. The room or cabin should be well closed and occupants should be minimum, the achievable humidity approx 40%.**  **Technical Features:-**   * **Body made of MS sheet duly powder coated finish** * **Compressor – Reciprocating type** * **Humidity Setting – Digital Controller, Achievable Humidity 40%.**  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Capacity | Work Space Volume | Outer Dimension  (W\*D\*H) | No: of Occupants | Qty | Price  **(Rs.)** | | **KDH-1** | **1 ton** | **70[m3] in room** | **600\*600\*700 mm** | **5** | **1** | **103000-00** | | **KDH-2** | **1.5 ton** | **100[m3]in room** | 700\*700\*750 mm | 7 | 1 | **124000-00** |   Optional:-**Automatic Voltage Stabilizer Rs.7200/- NB: Non use of stabilizer will render the warranty of the equipment invalid**. |

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| **KEMI SEED GERMINATOR**  **Seed Germinators are useful for seed testing, biological studies, forestry research work, etc. They are suitable for the simulation of temperature and relative humidity values above freezing point. Chamber illumination with one fluorescent and one ultra violet tubes along with cyclic timer gives the user the flexibility to simulate day/night conditions inside the chamber. Double walled with inside of Stainless Steel and outside of Mild Steel duly powder coated. The Instrument having CFC free refrigeration with hermetically sealed compressor, controlled by Bulls-eye Micro- processor humidity &temp controller.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **• Humidity range 40% to 90% RH with an accuracy of +-3%** | | | | | | | **• Menu driven 10 program memory** | | | | | | | **• User friendly Microprocessor Design/Operation.** | | | | | | | **• Safety thermostat to prevent overheating.** | | | | | | | **• Audio Visual alarm warnings of Temp. & RH variation and low water level.** | | | | | | | **• Capacitance type humidity sensor for direct display of humidity in% RH.** | | | | | | | **• Centronics interface for keeping hard copy of Temp., Humidity, Time & Date.** | | | | | | | **• Non volatile memory for data storage of up to 2500 records.** | | | | | | | **• RS 232 Inter-fase without printer.** | | | | | | | **• High voltage safety cut off for unit protection.** | | | | | | | **Model No.** | Capacity | No. of trays | **Qty** | **Price (Rs.)** | | **KSG-1** | **170Ltrs** | **6** | **1** | **180000-00** | | **KSG-2** | **285Ltrs** | **8** | **1** | **214000-00** | | Optional:- | | | | |  | | **a) Chamber illumination with the help of 2 Flour Lamps** | | | | | **Rs.2800/-** | | **b) Sterilisation of work area with 2 U V Lamps** | | | | | **Rs.6000/-** | | **c) Cyclic timer 0-24 hours for regulating cyclic illumination** | | | | | **Rs.4200/-** | | **d) Ink Type Recorder for recording temp: & humidity (Circular)** | | | | | **Rs.38000/-** | | **e) Automatic Voltage Stabilizer** | | | | | **Rs.7200/-** | | **NB : Non use of stabilizer will render the warranty of the equipment invalid** | | | | | | |

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| KEMI PLANT GROWTH CHAMBER  **These are designed for study the effects of different environment parameters such as humidity micro-organisms, plants and tissues etc... Apart from various customized industrial and research application, have a variety of usage in R & D laboratories and research studies a over the globe. These plant growth chambers have a variety of usage in tissue culture applications, enzyme reaction studies, growth observation studies, fermentation analysis and various other general and specialized applications in various laboratories.**  **Construction:**  **Inside made of Stainless steel & outside made of mild steel beautiful powder coated fitted with cooling, heating and lighting arrangement. Temperature range 0°C to 60°C +/- 1°C -Temperature can be obtained from 15°C to 50°C+/-1°C when all lights from two sides and top are 'ON'. Temperature is controlled by electronic Digital Temperature Controller Cum indicator to set two temperature for day and night. Above Growth Chamber is complete with Humidity control from 40% to 90%RH +/-3%. Light intensity can be adjusted by controller according to requirement and humidity shall be controlled by controller. Fitted with 2 nos of UV Lamp (11/2feet).**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Model No.** | Inn. Dimension  [W **x** D **x** H] | Flu. Lamp  (2 feet) | Capacity | **Qty** | **Price (Rs.)** | | KPGC-1 | **500W x 550D x 1200H mm** | **8 Nos** | **300 Ltr** | **1** | **268000-00** | | KPGC-2 | **600W x 600D x 1200H mm** | **8 Nos** | **432 Ltr** | **1** | **367000-00** | | KPGC-3 | **1200W x 600D x 1200H mm** | **12 Nos** | **964 LTR** | **1** | **635000-00** |   Optional :-   1. **U V Lamp Each Rs.2800/-** 2. **Ink Type Recorder for recording temp: & humidity (Circular) Rs.38000/-** 3. **Automatic Voltage Stabilizer for Rs.7200/-**   NB : **Non use of stabilizer will render the warranty of the equipment invalid** |

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| KEMI ORBITAL SHAKING INCUBATOR  **Specially designed to have a combined advantage of closely controlled incubation/storage temperature with orbital shaking necessary for many laboratory uses like tissue cultures, fermentation studies, enzyme reactions, controlled purification, ageing tests, growth studies etc., Double wall construction, the exterior is made of MS duly powder coated and interior of SS. The door having glass window makes it possible to inspect specimen without disturbing the temperature. Powerful air circulator creates positive airflow through the Incubator.**  Inn. Dimension [WxDxH]:- **470 X 470 X 650 mm**  [A] ORBITAL SHAKING INCUBATOR WITH COMPRESSOR:   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Temp. Range | Shaking speed | Platform size | Capacity | Qty | Price (Rs.) | | KOSI-1 | **5°C-60°C** | **50-250RPM** | **360x360mm** | **16 flasksx250ml** | **1** | **131000-00** |   [B] ORBITAL SHAKING INCUBATOR WITHOUT COMPRESSOR:   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Temp. Range  **AboveAmbient** | Shaking speed | Platform size | Capacity | Qty | Price  **(Rs.)** | | KOSI-2 | **to 600C** | **50-250RPM** | **360x360mm** | **16 flasksx250ml** | **1** | **91000-00** |   **Optional for Model No.KOSI-1 & KOSI-2**   |  |  |  | | --- | --- | --- | | **1** | **Additional platform for each:-**  **[100 ml x 25 Nos., 500ml x 9 Nos., 1000 x 4 Nos.]** | **Rs.8400/ -** | | **2** | **Chamber illumination with fluorescent tube ( 2 Nos.)** | **Rs.2800/-** | | **3** | **Chamber illumination with ultra violet lamp ( 2 Nos.)** | **Rs.6000/-** | | **4** | **0-24 hrs Cyclic Timer for illumination** | **Rs.4200/-** | | **5** | **Automatic Voltage Stabilizer** | **Rs.7200/-** |   NB : **Non use of stabilizer will render the warranty of the equipment invalid.** |

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| KEMI FUME CUPBOARD Portable type  [FUME EXHAUST HOOD] Made with Full F R P  **Provide a clean, well-ventilated, safe work area to protect personnel from chemical fumes. Portable fume hoods feature one-piece, moulded F.R.P construction. A clear Poly carbonate sliding panel travels at a slant and can be maintained in the open, closed, or intermediate position. Closed panel leaves a gap at the bottom for continuous air flow, bench top model**   |  |  |  |  | | --- | --- | --- | --- | | **Model No.** | Working Area | **Qty** | **Price (Rs.)** | | **KFH-P** | 2’ L x2’ B | **1** | **83000-00** | |

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| KEMI FUME CUPBOARD  **These are designed to exhaust toxic and other harmful vapours for protecting laboratory personnel equipments. The main body of the Fume Cupboard is made of MS Powder coated and inside of the cup board is made from FRP lining, which is acid or alkali resistant, fitted with a sliding door made of U.V stabilised polycarbonate sheet, moves vertically up and down with counter balanced weight system. Fluorescent light is provided inside the chamber for easy working. One FRP zinc of small size, water tap and gas cock are also provided inside the chamber. Working top of the Fume Cupboard is of Granite. A major blower exhaust system (Blower and blower cover is made with FRP) fitted on the top of the working area, which generates negative pressure within the hood extracting the contaminated air from the work area and expelling into the atmosphere and preventing the fume escaping into the room.For this purpose there is provided a provision for connecting 4"dia PVC pipe on the top of the instrument. Beneath the working area, fitted 3 drawers on one side and a closed storage area with a provision for locking system on the other side of the unit.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Model No.** | Working Table (L X B) | Outer Size [L X B X H] | Qty | **Price (Rs.)** | | **KFH-1** | **3' X 2'** | **38 ½" X 26 ½ "X 72"** | **1** | **92000-00** | | **KFH-2** | **4' X 2'** | **50 ½ X 26 ½ X 72"** | **1** | **102000-00** | | **KFH-3** | **5'X2'** | **62 ½ X261/2"X72"** | **1** | **110000-00** | | **KFH-4** | **6'X 2'** | **74 ½ X 26 ½ X 72"** | **1** | **125000-00** |   **Same as above but without Bottom Part .[Table Top]**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Model No.** | Working Table (L X B) | Outer Size [L X B X H] | Qty | **Price (Rs.)** | | **KFH-1T** | **3' X 2'** | **38 ½" X 26 ½ "X 48"** | **1** | **82000-00** | | **KFH-2T** | **4' X 2'** | **50 ½ X 26 ½ X 48"** | **1** | **89000-00** | | **KFH-3T** | **5'X2'** | **62 ½ X261/2"X48"** | **1** | **95000-00** | | **KFH-4T** | **6'X 2'** | **74 ½ X 26 ½ X 48"** | **1** | **101000-00** |   **NB: Fabrication with special dimensions can be supplied on specific order.** |

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| KEMI INNOCULATION HOOD [ASEPTIC HOOD]  **Made M.S Sheet duly powder coated, equipped with exhaust system, provided with front plexy glass with one fluorescent lamp and one U.V germicidal lamp.**   |  |  |  | | --- | --- | --- | | **Model No.** | Working Area | **Price (Rs.)** | | **KIH-1** | **L-750 x B-600 xH-600 mm** | **22000-00** | |

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| KEMI LAMINAR AIR FLOW CABINET (HORIZONTAL)  **Provide double filtered clean air through Pre Filters & HEPA Filters ("CLASS 100") basically constructed MS Powder Coated and the air flow is coming in horizontal way [1/5 HP motor -1440 Rpm]. Work table Top is made of S.S and side panels are made of U.V stabilised polycarbonate sheet with S.S Frame. Static Inclined Pressure Manometer and cork for gas, U.V. Lamp, Fluorescent light are also provided.**  **Air flow and Filtration:- Laminar Flow principle involves double filtration of air. Atmospheric air is drawn through pre-filter and is made to pass through highly effective HEPA (High Efficiency particular Air - deep pleat) filter having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP, thus retaining all air-borne particles of size 0.3 micron and larger. Double filtered air blows in laminar flow to the worktable at designed velocity of 90 ft/min +/-20%.Noise level Less than 65 db at work area, and Vibration:-0.00005 cm of worktable.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Size of HEPA Filter | Outer dimension [W x D x H] | Qty | Price (Rs.) | | **KLF-1SS** | **2' x 2'** | **28" x 40" x 60 ½** | 1 | **77000-00** | | **KLF-2SS** | **3'x 2'** | **40" x 40" x 60 ½** | 1 | **90000-00** | | **KLF-3SS** | **4' x 2'** | **52" x 40" x 60 ½** | 1 | **102000-00** | | **KLF-4SS** | **6' x 2'** | **76" x 40" x 60 ½** | **1** | **125000-00** |   **a) Laminar Air Flow Cabinet with SS body can be supplied at an extra cost**  **b) Dwyer magnehelic gauge can be fitted at an extra cost of Rs.19000/-**  **c) Digital Air velocity Controller with imported sensor & inbuilt UV hour meter Rs.48000/-** |

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| KEMI LAMINAR AIR FLOW CABINET [VERTICAL]  **Laminar Flow principle involves double filtration of air. Atmospheric air is drawn through pre-filter and is made to pass through highly effective HEPA (High Efficiency particular Air - deep pleat) filter having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP[with the help of 1/5HP motor-1440Rpm ] in vertical way. Thus retaining all air­borne particles of size 0.3 micron and larger. Double filtered air blows in laminar flow to the worktable at designed velocity of 90 ft/min +/-20%. Noise level Less than 65 db at work area, and Vibration:-0.00005 cm of work table. The instrument is made of MS Powder Coated & work table is S.S.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Size of HEPA Filter | Outer dimension  [ W x D x H] | Qty | Price  **(Rs.)** | | KLFV-1SS | **2' x 2'** | **28" x 28" x 80"** | 1 | **84000-00** | | KLFV-2SS | **3'x 2'** | **40" x 28" x 80"** | 1 | **97000-00** | | KLFV-3SS | **4' x 2'** | **52" x 28" x 80"** | 1 | **108000-00** | | KLFV-4SS | **6' x 2'** | **76" x 28" x 80"** | 1 | **132000-00** |   Optional:-  **a) Cabinet with SS body can be supplied at an extra cost.**  **b) ULPA Filter can be supplied on specific order.**  **c) HEPA system in a particular area or room can be done against specific order.**  **d) Dwyer magnehelic gauge can be fitted at an extra cost of Rs.19000/- e) Glass Bead Sterilizer 2"dia 4" depth can be supplied at an extra cost ofRs. 14000/-**  **f) Infra red activated sterilizer can be supplied at an extra cost of Rs.13000/-**  **g) Digital Air velocity Controller with imported sensor & inbuilt UV hour meter Rs.48000/-** |

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| KEMI BIOLOGICAL SAFETY CABINET  **Biological Safety Cabinets ["Class II"] an integral factory assembled system, permitting total disinfections. These are designed to use simultaneous primary biological and chemical containment. The re­-circulation of cabinet air through a second HEPA Filter [High Efficiency Particular Air-Mini Pleat type]offers a highest level of cleanliness. Air is drawn through pre-filter and is made to pass through HEPA Filter having efficiency to pertaining all airborne particles of size 0.3 mi crone and larger. Using a dynamic balanced motor with blower assembly system [1/5HP-1440 RPM] operates with minimum noise level and the contaminated air is going through the exhaust duct [1/4 HP motor-2880 RPM] fitted on the back bottom of the unit. The basic unit made of MS Powder Coatedwhich includes standard accessories like static pressure manometer, Hepa Filters for cabinet [Mini pleat type] Pre-filters, one UV light for the work area, one coak for gas. It is suitable for handling medium to low risk organisms encountered in Research, Investigation, Labs in all branches of Medical, Agriculture, and Pharmaceutical Sciences. The equipment is built with an exhaust system on the top of the unit having 4" dia PVC duct for the provision of connecting the pipe. In addition to normal features of Vertical Laminar Flow**, **it is provided with following unique features.**  a**) Front door provided with** UV stabilised polycarbonate sheet**i n counter weight mechanism.**  **b) Filtered Exhaust- Protests ambient environment, avoids build up, heat, fumes and odour.**  **c) Supplementary Air Barrier - Prevents of contamination through make up air.**  **d) Built in U.V germicidal light- facilitates sterilization of workingarea before**  **and after use, U.V Tube 'Philips' is used.**  **e) Cleanliness "CLASS II" with an efficiency of 99.99%.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Size of Work Table  SS Top | Outer Dimension  [WxDxH] | Qty | Price  **(Rs.)** | | KBSC-1 | **2' x 2' x 2'** | 40” x 32" **x** 82" | 1 | **146000-00** | | KBSC-2 | **3' x 2'x 2'** | 52” x 32" **x** 82" | 1 | **154800-00** | | KBSC-3 | **4'x2'x2'** | **64" x 32" x 82"** | 1 | **162000-00** | | KBSC-4 | **5'x2'x2'** | **76" x 32" x 82"** | 1 | **175200-00** | | KBSC-5 | **6'x2'x2'** | **88" x 32" x 82"** | 1 | **183600-00** |   NB: In accordance to its safety performance necessities and stipulations, the Bio Safety Cabinet (Class II) can be constructed in the following types.   1. Type A2 :- 70% Air (Approx) re-circulating & 30% exhausting 2. Type B1 :- 30% Air (Approx) re-circulating & 70% exhausting 3. Type B2:- 100% air exhausting & no re-circulation.   Optional:-   1. **Virus burn-out chamber Rs.26000/-** 2. **Dwyer magnehelic gauge [Instead of inclined manometer] Rs.19000/-** 3. **Glass Bead Sterilizer 2"dia 4" depth Rs.14000/-** 4. **Infra red activated sterilizer Rs.13000/-** 5. For Type B-2, CARBON FILTER (for filtering exhaust air prior to   discharge the outside area) can be fitted at an extra cost of Rs.26000/-   1. **Digital Air velocity Controller with imported sensor & inbuilt UV hour meter Rs.48000/-**   *NB: Bio Safety Cabinet under CLASS-1 Type can supply on special request* |

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| KEMI TISSUE CULTURE RACK  **Made with heavy gauge MS tubular pipe with thick gauge MS frame duly powder coated or Tubular**  **Aluminium Pipe with Aluminium frame having rack size of 48"x21". Height between each rack is 15".Each rack is fitted with two Nos. of fluorescent tube and one U.V Germicidal tube. Each tube has separate ON/OFF switch. 0-24 hours weekly Cyclic Timer also equipped with the unit for controlling all the U.V tubes inside the racks. Complete with 15 Amps cord wire plug to work on 230 VAC.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Model No.** | Body | No. of racks | Qty | **Price (Rs.)** | | KTCR-M2 | **Mild Steel** | **2** | **1** | **38000-00** | | KTCR-M3 | **Mild Steel** | **3** | **1** | **53000-00** | | KTCR-M4 | **Mild Steel** | **4** | **1** | **66000-00** | | KTCR-A2 | **Aluminium** | **2** | **1** | **49000-00** | | KTCR-A3 | **Aluminium** | **3** | **1** | **66000-00** | | KTCR-A4 | **Aluminium** | **4** | **1** | **85000-00** |   **Optional:-Tissue Culture Rack made of fully SS can be supplied.** |

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| KEMI MAGNETIC STIRRER  **The body fabricated with MS sheet duly powder coated having SS top housing series of Magnetic Stirrers are most compact models. These are smooth running apparatus utilizing the rotating magnetic field from a balanced permanent magnet [Stirring speed - 1200RPM [approx] to induce variable stirring action in close or open non magnetic containers. Stirring is accomplished by a small Teflon coated magnetic paddle to be placed in the container.**  [A] Without Hot Plate Type:-   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | **Ltrs** | Qty | **Price (Rs.)** | | KMS-350 | **Mini Magnetic stirrer with electronic speed control** | **1** | 1 | **5800-00** | | KMS-450 | **Magnetic stirrer with electronic speed control** | **2** | 1 | **7000-00** | | KMS-550 | **Two in one magnetic stirrer with electronic speed control** | **4** | 1 | **10000-00** | | KMS-600 | **Magnetic stirrer with electronic speed control** | **5** | 1 | **10700-00** | | [B]With Hot Plate Type:-[Temperature 300°C approx] | | | | | | Model No. |  | **Ltrs** | Qty | **Price (Rs.)** | | KMS-400 | **With hot plate and temperature is controlled by Energy Regulator** | **l** | 1 | **7200-00** | | KMS-500 | **With hot plate and temperature is controlled by Energy Regulator** | **2** | 1 | **8000-00** | | KMS-650 | **With hot plate and temperature is controlled by Energy Regulator** | **5** | 1 | **11800-00** | |

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| KEMI STIRRER  Available on 1/20 HP, 1/12 H.P & 1/8 H.P Motors. It is suitable for general laboratory application  [A]. LIGHT DUTY STIRRER, 1/20 HP AC/DC MOTOR,(BUSH)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Ltrs | Qty | Price (Rs.) | | KLS-101A | **Mount on electronic speed regulator** | **6 to 8** | 1 | **7000-00** | | KLS-101B | **With separate speed control** | **6 to 8** | 1 | **8300-00** | | KLS-101C | **With auto variac speed control** | **6 to 8** | 1 | **10200-00** |   (B). LIGHT DUTY STIRRER, 1/20 HP AC/DC MOTOR (CHUCK)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Ltrs | Qty | Price (Rs.) | | KLS-102 A | **With electronic speed regulator** | **6 to 8** | 1 | **9600-00** | | KLS-102 B | **With auto variac speed control** | **6 to 8** | 1 | **10800-00** |   (C). MEDIUM DUTY STIRRER: 1/12 HP AC/DC MOTOR (CHUCK)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Ltrs | Qty | Price (Rs.) | | KLS-104 1A | **With electronic speed regulator** | **10 to 15** | 1 | **10800-00** | | KLS-104 1B | **With auto variac speed control** | **10 to 15** | 1 | **13200-00** |   (D). MEDIUM DUTY STIRRER: 1/8 HP AC/DC MOTOR (CHUCK)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Ltrs | Qty | Price (Rs.) | | KLS-104 2A | **With electronic speed regulator** | **15 to 20** | 1 | **11000-00** | | KLS-104 2B | **With auto variac speed control** | **15 to 20** | 1 | **14900-00** |   (E). HEAVY DUTY STIRRERS: (Hollow spindle belt driven)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Ltrs | Qty | Price (Rs.) | | KLS-105 4B | **3/4 HP AC/DC Motor, variac speed control** | **60 to 85** | 1 | **31200-00** |   (F). HEAVY DUTY STIRRERS: Direct Drive, self centering chuck)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Ltrs | Qty | Price (Rs.) | | KLS-107 4B | **3/4 HP AC/DC Motor with auto variac speed control** | **60 to 85** | 1 | **29300-00** | | **Optional: DIGITAL R.P.M. Meter & Timer** | | | 1 | **Rs.7200-00** |   KEMI GEARED STIRRER  Stirrer with gear, driven by AC/DC motor of 120HP. Available in speed rating 340RPM.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Motor HP | RPM | Coupling | Speed Regulator | Qty | Price (Rs.) | | KGES-1 | 1/20 HP | 340 | Chuck | Electronic | 1 | 9600-00 | | KGES-2 | 1/20HP | 340 | Chuck | Auto Variac | 1 | 11800-00 | |

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| **KEMI AGITATOR HEAVY DUTY – BEAM MOUNTED**  **(3 Phase Connection)**  **These stirrers having a stirring capacity ranging from more than 1200 ltrs to 5000 ltrs and supplied without stand. Shaft is made of Stainless Steel. A standard motor fitted to a pulley with a belt which can be driven at two different speed of 1440/960RPM.**   |  |  |  |  | | --- | --- | --- | --- | | **Model No.** |  | **Capacity** | **Price (Rs.)** | | **KIS-110** | **1 HP AC Motor** | **1200 to 1500 Ltrs** | **43000-00** | | **KIS-110A** | **1 HP AC Motor (Single Phase)** | **1200 to 1500 Ltrs** | **50000-00** | | **KIS-112** | **1.5 HP AC Motor** | **1500 to 2000 Ltrs** | **52000-00** | | **KIS-113** | **2 HP Motor** | **2000 to 3000 Ltrs** | **55000-00** | | **KIS-115** | **3 HP Motor** | **3000 to 5000 Ltrs** | **61000-00** |   **NB: Fitting charge for the above extra at actual cost.** |

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| KEMI HOMOGENIZER  Useful for homogenizing of tissues. The self centering chuck holds SS Shaft up 10 mm fitted with Teflon grinding pestle. 50 ml glass homogenizing cup with rod supplied as standard.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Coupling | Qty | Price (Rs.) | | KHG-1 | **Low speed 1/20 HP AC/DC Motor 1400 RPM** | **Bush** | 1 | **8400-00** | | KHH-1 | **High speed 1/12 HP AC UniversalMotor,**  **separate auto variac speedregulator upto**  **5000 RPM** | **Chuck** | 1 | **12600-00** |   NB: Spare homogenizing cup with rod 15ml Rs. 1200/- and 25ml Rs. 1400/- can be supplied on request. |

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| KEMI CENTRIFUGE  Low priced units meeting the majority of the small capacity centrifuging requirements of medical practitioners, pathological laboratories and Hospitals for routine centrifuging tests. The units are fitted with resiliently mounted motor for vibration free performance having built in 5 step speed regulator. Available with Swing out and Angle Rotor Heads.  (A).KEMI CLINICAL CENTRIFUGE   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. |  | Cap | RPM | Qty | Price (Rs.) | | C-4A | **Clinical Centrifuge, angle rotor head** | **4 x 15 ml** | 4500 | **1** | **6600-00** | | C-6A | **Clinical Centrifuge, angle rotor head** | **6 x 15 ml** | 4300 | **1** | **6700-00** | | C-8a | **Clinical Centrifuge, angle rotor head** | **8 x 15 ml** | 4200 | **1** | **7200-00** |   (B).KEMI MEDICO CENTRIFUGE   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. |  | Cap | RPM | Qty | Price (Rs.) | | C-4S | **Medico Centrifuge Swing out head** | **4 x 15 ml** | 3600 | **1** | **7200-00** | | C-6S | **Medico Centrifuge Swing out head** | **6 x 15 ml** | 3400 | **1** | **7600-00** |   (C). KEMI COMPACT TYPE LABORATORY CENTRIFUGE (Mini Type)   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. |  | Cap | RPM | Qty | Price (Rs.) | | C-6 | **Angle Rotor with electronic speed regulator** | **6 x 15 ml** | 5500 | **1** | **8300-00** | | C-6D | **Same and above but Digital speed regulator**  **with RPM & Digital Timer (0-99 minutes)** | **6 x 15 ml** | 5500 | **1** | **15200-00** |   KEMI GENERAL PURPOSE CENTRIFUGE  These compact type of centrifuges are ideal for routine application in medical and industrial laboratories, available in three models with choice of Rotor Heads:  Without Heads:   |  |  |  |  | | --- | --- | --- | --- | | Model No. |  | Qty | Price (Rs.) | | C-8A | **With step less Electronic Speed Regulator** | 1 | **13200-00** | | C-8B | **With Digital Timber (0-99 minutes) under Feather Touch**  **System and step less Electronic Speed Regulator** | 1 | **15200-00** | | C-8C | **Speed regulator with Digital RPM Display & Digital Timer**  **(0-99 minutes) under Feather Touch System** | 1 | **16600-00** | | C-8R | **Refrigerated centrifuge up to 5000 rpm with digital display**  **& timer (0-99 minutes) under Feather Touch System**  **temperature range: 4o C to 20o C** | 1 | **90000-00** |   INTER CHANGEBLE ROTOR HEAD FOR C-8A, C-8B, C-8C & C8R   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. |  | RPM | Cap | Qty | Price (Rs.) | | AC-1 | Swing out head | 5000 | 8 x 15 ml | 1 | 2500-00 | | AC-2 | Angle rotor head | 5500 | 8 x 15 ml | 1 | 2500-00 | | AC-3 | Swing out head | 4500 | 4 x 50 ml | 1 | 3000-00 | | AC-4 | Angle rotor head | 5500 | 4 x 50 ml | 1 | 3000-00 | | AC-5 | Angle rotor head | 4800 | 12 x 15 ml | 1 | 2800-00 | | AC-6 | Swing out head | 4500 | 12 x 15 ml | 1 | 3000-00 | | AC-7 | Swing out head | 4200 | 16 x 15 ml | 1 | 3700-00 | |

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| KEMI MICRO CENTRIFUGE (Brush Type)  These Centrifuges are ideal for growing routine application to biochemical and clinical labs. This unit have digital timer with feather touch switches, maximum rpm is 12000 with load approx.  Head: Angle rotor head 1.5/2 ml x 24   |  |  |  | | --- | --- | --- | | Model No. | Qty | Price (Rs.) | | KMC-1 | 1 | **43000-00** | |

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| KEMI MICRO CENTRIFUGE – Refrigerated (Brush Type)  It is an eco friendly CFC free refrigerated micro centrifuge specially designed for growing routine application in biochemical and clinical labs. This unit have digital rpm indicator and 0-99 minutes digital timer with feather touch switches maximum rpm is 13000 with load approximate.  Head: Angle rotor head 1.5/2 ml x 24   |  |  |  | | --- | --- | --- | | Model No. | Qty | Price (Rs.) | | KMCR-1 | 1 | 103000-00 | |

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| KEMI REFRIGERATED CENTRIFUGE  CFC Free - Micro Processor (Brush Type)  The KHSRC-1 is housed in a very rigid metal frame duly powder coated, the chamber made up of AISI SS of corrosion resistance, and branded refrigeration unit having front panel where controls are mounted to meet global standards. The equipment is incorporated with a CFC free echo friendly refrigerating system, to maintain consistency of the Temp. Range 4 oC to 20 o C inside the test chamber.  Special features include lid interlock, 0-99 minutes Digital Timer, dynamic brake and protective fuses. The refrigeration is by means of a hermetically sealed compressor. The Temp is controlled by Micro Processor Controller Cum Indicator. The units will work either in Automatic mode or Manual mode.   |  |  |  |  | | --- | --- | --- | --- | | Model No. |  | Qty | Price (Rs.) | | KHSRC-1 | **RPM upto 20,000 - Approx (without heads)** | 1 | **198000-00** | | **Optional:-**  **Automatic Voltage Stabilizer** | | 1 | **Rs.7200/-** |   NB: Non use of stabilizer will render the warranty of the equipment invalid.  KEMI HI SPEED CENTRIFUGE - Without Cooling  (Micro Processor – Brush Type)  Digital read out control panel, rugged and rigidly built motor, inner chamber made out Mild Steel sheet and outer body made of MS duly powder coated finish to meet global standards. Speed control, (RPM setting) and Timer (1-99 minutes) are controlled under Feather Touch System.   |  |  |  |  | | --- | --- | --- | --- | | Model No. |  | Qty | Price (Rs.) | | KHSC-1 | **RPM Up to 20,000 - Approx (Without Heads)** | 1 | **56000-00** | | KHSC-2 | **RPM Up to 10,000 - Approx (Without Heads)** | 1 | **50000-00** |   Rotor Angle Heads for KHSRC-1, KHSC-1, KHSC-2  Made out of Extruded Aluminium, complete with Polypropylene tubes and individual top covers.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Head | Speed (Approx) For KHSC-1, KHSRC-1 | Speed (Approx) For KHSC-2 | Qty | Price  **(Rs.)** | | KH-1 | 6 x 50 ml | 14000 RPM | Upto 10000 RPM | 1 | 28000-00 | | KH-2 | 8 x 25 ml | 14000 RPM | Upto 10000 RPM | 1 | 24000-00 | | KH-3 | 12 x 15 ml | 14000 RPM | Upto 10000 RPM | 1 | 24000-00 | | KH-4 | 6 x 25 ml | 15000 RPM | Upto 10000 RPM | 1 | 24000-00 | | KH-5 | 8 x 15 ml | 15000 RPM | Upto 10000 RPM | 1 | 20000-00 | | KH-6 | 24 x 1.5 ml | 16000 RPM | Upto 10000 RPM | 1 | 18000-00 | |

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| KEMI CONSTANT TEMPERATURE WATER BATH  (High Precision Water Bath)  Double wall Inner made of stainless steel, outer chamber made of M.S. duly powder coated. Gap between the two walls filled with glass wool to maintain the temperature. Temperature is controlled by Micro processor based Digital temperature controller Cum Indicator (LED) controls temperature from ambient +5oC to 80oC with an accuracy of +/-0.5oC and without thermometer. To get uniform temperature in the water bath, a speed controllable stirrer is fitted and toughened glass window is provided in front of the unit for the visibility of samples.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Inner Dimension  [W x D x H] | Capacity | Qty | Price  **(Rs.)** | | KCTB-1 | 350mmx250mmx200mm | 18Ltrs | 1 | 38000-00 | | KCTB-2 | 400mmx300mmx250mm | 32Ltrs | 1 | 43000-00 | | KCTB-3 | 450mmx350mmx300mm | 50Ltrs | 1 | 52000-00 | |

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| KEMI WATER BATH (SEROLOGICAL)  THERMOSTATIC TYPE  Double walled construction, outer made of MS duly powder coated and inner chamber with Top Lid made of SS. The gap between the walls insulated with glass wool and supplied without thermometer. Fitted with thermostat and working temperature from ambient +5oC to 80oC having an accuracy of +/-1oC.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inner Dimension | Volume | Watts | Qty | Price (Rs.) | | KWB-150 | 250x175x150mm (Suitable for 1 racks) | 7 Ltr | 750 | 1 | 7200-00 | | KWB-160 | 350x250x125mm (Suitable for 2 racks) | 11 Ltr | 1500 | 1 | 9200-00 | | KWB-170 | 300x250x175mm (Suitable for 3 racks) | 14 Ltr | 1500 | 1 | 10000-00 | | KWB-180 | 330x300x175mm (Suitable for 4 racks) | 18 Ltr | 2000 | 1 | 11000-00 | | KWB-190 | 455x300x175mm (Suitable for 6 racks) | 25 Ltr | 2000 | 1 | 12700-00 | | KWB-200 | 605x300x175mm (Suitable for 8 racks) | 33 Ltr | 2000 | 1 | 15200-00 | | KWB-200A | 250x400x300mm | 31 Ltr | 2000 | 1 | 14400-00 | | KWB-200B | 350x450x285mm | 45 Ltr | 2000 | 1 | 19900-00 |   Optional:   |  |  |  | | --- | --- | --- | | a) | Micro processor based Digital Temperature Controller Cum Indicator (LED) (instead of Thermostat) | Rs. 7200/- | | b) | Stirrer with 1/20 HP Motor provided with speed regulator | Rs. 4200/- | | c) | Pyramid lid | Rs. 1400/- | |

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| KEMI WATER BATH (RING TYPE)  THERMOSTATIC TYPE  Double walled construction outer made of MS duly powder coated and inner chamber with Top Lid made of S.S. The gap between the walls insulated with glass wool and supplied without thermometer. Fitted with thermostat and working temperature from ambient +5oC to 80oC having an accuracy of +/- 1oC with concentric rings.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inner Dimension | Volume | Watts | Qty | Price (Rs.) | | KWB-210A | 350x250x125mm  (6 holes of 75mm dia) | 12 Ltr | 1500 | 1 | 10800-00 | | KWB-220 | 355x405x100mm  (12 holes of 75mm dia) | 15 Ltr | 2000 | 1 | 13200-00 | | KWB-240 | 355x555x100mm  (24 holes of 75mm dia) | 20 Ltr | 2000 | 1 | 15600-00 |   Optional:   |  |  |  |  | | --- | --- | --- | --- | |  | a) | Micro processor based Digital Temperature Controller Cum Indicator (LED) (instead of Thermostat) | Rs. 7200/- | |

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| KEMI CRYOSTAT BATH  (REFRIGERATED WATER BATH)  Double walled construction outer body made of MS, duly powder coated and inner chamber made of quality S.S. sheet with PUF insulated and the temp: range from 0oC to 50oC. The Temperature is controlled by Micro Processor based Digital Temperature Controller cum indicator, with inbuilt time delay for compressor ON. Fitted with AC motor stirrer for circulation. A drain valve is provided in the bottom. Refrigeration is obtained by hermetically sealed compressor with CFC free refrigerant.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension  (W x D x H) | Capacity | Rating | Qty | Price (Rs.) | | KUCB-1 | 200 x 200 x 250mm | 8 Ltr | 0.75 KW | 1 | 76000-00 | | KUCB-2 | 250 x 250 x 250mm | 15 Ltr | 1 KW | 1 | 80000-00 | | KUCB-3 | 300 x 300 x 250mm | 25 Ltr | 1.5 KW | 1 | 90000-00 |   The unit having without heating provision can be supplied on request.  Automatic Voltage Stabilizer for 3 KVA Rs.7200/-  NB: Non use of stabilizer will render the warranty of the equipment invalid. |

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| **KEMI CIRCULATING WATER BATH**  **Double wall Inner made of stainless steel, outer chamber made of M.S. duly powder coated.  Gap between the two walls filled with glass wool to maintain the temperature.  Temperature is controlled by Micro processor based Digital temperature controller Cum Indicator (LED) controls temperature from ambient +5oC to 80oC with an accuracy of +/-0.5oC and without thermometer.  The unit is also fitted with circulating pump to get the uniform temperature inside the bath.  Toughened glass window is provided in front of the unit for the visibility of samples. An inlet & outlet valves also provided with the unit.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Model No.** | **Inner Dimension**  **[W x D x H]** | **Capacity** | **Qty** | **Price**  **(Rs.)** | | **KCTB-1 SP** | **350mmx250mmx200mm** | **18Ltrs** | **1** | **60000-00** | | **KCTB-2 SP** | **400mmx300mmx250mm** | **32Ltrs** | **1** | **65000-00** | | **KCTB-3 SP** | **450mmx350mmx300mm** | **50Ltrs** | **1** | **74000-00** | |

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| KEMI CYLINDRICAL WATER BATH (Single Wall)  Stainless Steel single walled with concentric rings of size 6", 5", 4" & 3". I.S.I. quality immersion type heater, suitable to work on 220V AC.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inner Dimension | Volume | Watts | Qty | Price  **(Rs.)** | | KCWB-1 | 200mm | 2 Ltr | 1500 | 1 | 5300-00 | | KCWB-2 | 250mm | 5 Ltr | 1500 | 1 | 6200-00 | | KCWB-3 | 300mm | 10 Ltr | 2000 | 1 | 8400-00 |   **Optional :-**   |  |  |  | | --- | --- | --- | | a) | Energy Regulator can be fitted at an extra cost of | Rs. 1400/- | |

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| KEMI CYLINDRICAL WATER BATH  THERMOSTATIC  Double walled construction inner made of SS and outer made of MS duly powder coated. The gap between the walls filled with glass wool insulation and the temperature is controlled by imported thermostat from ambient +5oC to 80oC having an accuracy of +/-1oC and without thermometer.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inner Dimension | Volume | Watts | Qty | Price (Rs.) | | KCWBT-1 | 200mm | 2 Ltr | 1500 | 1 | 8400-00 | | KCWBT-2 | 250mm | 5 Ltr | 1500 | 1 | 9600-00 | | KCWBT-3 | 300mm | 10 Ltr | 2000 | 1 | 11000-00 | |

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| KEMI SINGLE WALL WATERBATH  (WITHOUT THERMOSTATIC)  Stainless Steel body with single wall having concentric rings and supplied without thermometer (for boiling purpose only).   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension (W x D x H) | **Cap** | Qty | **Price (Rs.)** | | KSWB-1 | **300x250x100mm (6 holes of 75mm dia 1.5 K.W.)** | **8 Ltr** | 1 | **4900-00** | | KSWB-2 | **300x300x100mm (9 holes of 75mm dia 2 K.W.)** | **10 Ltr** | 1 | **6600-00** | | KSWB-3 | **400x300x100mm (12 holes of 75mm dia 2 K.W.)** | **13 Ltr** | 1 | **8300-00** | |

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| KEMI TISSUE FLOATATION BATH  Double wall, inside made of Alu; and outer made of M.S. Sheet with duly Powder coated. Temperature is controlled from ambient +5oC to 80oC byThermostat without thermometer.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Inner Dimension (Dia x Depth) | Qty | Price (Rs.) | | KTB-1 | 200mm x 90mm | 1 | 8400-00 | | KTB-2 | 250mm x 120mm | 1 | 11000-00 | |

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| KEMI PARAFFIN EMBEDDING BATH  THERMOSATIC  Double walled, inner made of SS quality sheet and outer body made of MS duly powder coated. Temperature is controlled by an imported thermostat from ambient +5oC to 80oC with an accuracy of +/-1oC. The bath is insulated by 25mm glass wool on 5 sides and 6 holes are provided to accommodate SS plots having approx. 63mm dia x 65mm depth.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Model No.** | Inn. Dimension (W x D x H) | **Watts** | **Qty** | **Price (Rs.)** | | KPWB-1 | **375 x 300 x 150mm** | **2000** | **1** | **13200-00** | |

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| KEMI LABORATORY GLASSWARE DRYER  It is used for drying laboratory glassware quickly and safely. By providing continuous warm air circulation through 12/24 hollow drying pegs with large or small bores with dust free filters labware is never too hot to handle. A time proportional, high/low heat controlled with an automatic thermostatic safety cut off system.   |  |  |  |  | | --- | --- | --- | --- | | Model No. |  | Qty | Price (Rs.) | | KLGD-1 | with 24 drying pegs | 1 | 25000-00 | | KLGD-2 | with 48 drying pegs | 1 | 31000-00 | |

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| KEMI OIL BATH  Double walled construction, inner made of SS sheet outer body made of mild steel duly powder coated with glass wool insulation. The temperature is controlled by Thermostat having a temperature range from 50oC to 250oC with an accuracy of +/-2oC and without thermometer.  Oil Bath Round (Thermostatic)   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inner Dimension | Watts | Capacity | Qty | Price (Rs.) | | KOB-1 | 200mm | 1500 | 2 Ltrs | 1 | 12000-00 | | KOB-2 | 250mm | 1500 | 5 Ltrs | 1 | 13200-00 | | KOB-3 | 300mm | 2000 | 10 Ltrs. | 1 | 15600-00 |   Oil Bath Rectangular (Thermostatic)   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Inner Dimension | Watts | Capacity | Qty | Price (Rs.) | | KOBR-1 | 200x200x170mm | 1500 | 2 Ltrs | 1 | 15600-00 | | KOBR-2 | 250x250x170mm | 1500 | 5 Ltrs | 1 | 18000-00 | | KOBR-3 | 300x300x170mm | 2000 | 10 Ltrs | 1 | 24000-00 |   **Optional :-**   |  |  |  |  | | --- | --- | --- | --- | |  | a) | Micro Processor based Digital temperature Controller Cum Indicator (LED) | Rs. 7200/- | |  | b) | Geared AC motor with stirring shaft | Rs. 7800/- | |

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| KEMI INSIPISATOR  (Thermostatic)  Outer body Constructed with wood with PU coating & inner jacket made of copper sheet, epoxy coated and filled with ceramic wool, the inner chamber can accommodate 100 tube of media at a time. Provision for water inlet, outlet and overflow are also equipped with the unit. Temperature is controlled by thermostat to work on 220V AC supply. Temp; range: ambient +50C--600C +\_ 20C.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Inn. Dimension (W x D x H) | Qty | Price (Rs.) | | KINR-1 | 510mm x 320mm x 170mm | 1 | 25000-00 | | Optional :- a) Digital temperature Controller Cum Indicator (LED) Rs. 7200-00 | | | | |

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| KEMI VISCOSITY BATH  Kinematic  Viscosity Bath, having the control panel which consists of mains & temperature Indicator, stirrer regulator, mains switch, illumination switch and others. It is used to maintain the correct constant temperature for estimating Kinematics viscosity of oil and petroleum products in this type of bath various viscometers may be fixed as an internal part of the bath.  Construction: Outer M.S. inner chamber S.S. with viewing window panel with toughened glass Temperature Range Ambient to 90oC with an accuracy +/-0.5oC, controlled with microprocessor based digital temperature controller and lightning attachments. Available in different size & accommodation without viscometer tube. Bath opening 254 x 200 mm with cover having 6 openings of 50 mm in diameter to hold 6 viscometers with six Bakelite holders.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Capacity | Qty | Price(Rs.) | | KVSB-1 | 6 Nos. of viscosity tube | Liquid capacity 22 Ltrs | 1 | 114000.00 | |

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| KEMI MECHANICAL STIRRED STAINLESS STEEL FERMENTOR  This fermentor is widely used in microbiology, pharma, DNA proteins, Cell Cultural, Bio Fertilizer, Vaccine, Bio Pesticide, Bio Fuels or customer application and requirement. It's an ideal instrument for exact fermenting experimentation. It can be applied to the selection of culture medium component and dosage, optimising of fermenting technology parameter and test of fermentation techniques of bacteria seeds. Because the experiment result approaches that of the production scale, it is quite easy to scale up the fermentation process through the large scale experiment. This type fermentor is generally applied to various fermenting process.  Vessel Material: S.S 316 L/S.S. stainless steel  Driver: mechanical stirrer from top with 300 rpm  Sterilization: in-situ sterilized with steam  Stead Generator: Suitable to Fermentor Capacity Steam Generator  Air Compressor  The compressor shall be suitable to work on 230/VAC single phase. The compressor is to be run by suitable motor provided with starter.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Capacity for Fermentation | Qty | Price (Rs.) | | KF-5 | 5 Ltrs | 1 | 238000-00 | | KF-10 | 10 Ltrs | 1 | 266000-00 | | KF-15 | 15 Ltrs | 1 | 283000-00 | | KF-20 | 20 Ltrs | 1 | 296000-00 | | KF-25 | 25 Ltrs | 1 | 311000-00 | | KF-50 | 50 Ltrs | 1 | 366000-00 | | KF-100 | 100 Ltrs | 1 | 540000-00 | | KF-200 | 200 Ltrs | 1 | 816000-00 | | KF-300 | 300 Ltrs | 1 | 1260000-00 | |

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| KEMI AUTOCLAVE (VERTICAL)  Double wall construction with inner S.S., all these sheets are argon welded & outer chamber made of high quality S.S /M.S. sheet duly powder coated. Electrically heated by means of I.S.I. quality immersion heaters with working pressure 15 PSI. Hydraulically dye pressed Lid from S.S. Plate with, easy pedal lifting device, having pressure gauge, two Nos. safety valve, quick release coupling and handle with heater cover stand. Water level arrangement cut off buzzer system and S.S. perforated basket supplied along with unit on free of cost.  Inner S.S. & Outer M.S. (With Energy Regulator)   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Dia x Height | K.W | Volume | Qty | Price (Rs.) | | | KAUC-A1 | 250 x 450mm | 1.5 | 22 Ltr | 1 | 47000-00 | | | KAUC-A2 | 300 x 500mm | 2.0 | 35 Ltr | 1 | 52000-00 | | | KAUC-A3 | 350 X 550mm | 3.0 | 53 Ltr | 1 | 58000-00 | | | KAUC-A4 | 450 x 600mm | 4.0 | 90 Ltr | 1 | 72000-00 | | | KAUC-A5 | 550 x 750mm | 6.0 | 175 Ltr | 1 | 89000-00 | | | Inner & Outer S.S. (With Energy Regulator) | | | | | | | | Model No. | Dia x Height | K.W | Volume | Qty | | Price (Rs.) | | KAUC-S1 | 250 x 450mm | 1.5 | 22 Ltr | 1 | | 56000-00 | | KAUC-S2 | 300 x 500 mm | 2.0 | 35 Ltr | 1 | | 64000-00 | | KAUC-S3 | 350 x 550 mm | 3.0 | 53 Ltr | 1 | | 73000-00 | | KAUC-S4 | 450 x 600 mm | 4.0 | 90 Ltr | 1 | | 90000-00 | | KAUC-S5 | 550 x 750 mm | 6.0 | 175 Ltr | 1 | | 110000-00 |  |  |  |  | | --- | --- | --- | | Optional: | | | | a) | Digital Temperature controller cum indicator  (instead of Energy Regulator) | Rs. 7200/- | | b) | Digital Timer | Rs. 4200/- | | c) | Auto Pressure cut off system | Rs. 4800/- | | d) | Auto Vacuum Breaker | Rs. 3600/- | | e) | Auto Purging & Exhaust (Solinoid Valve) | Rs. 7200/- | | f) | Water level glass indicator | Rs. 7200/- | |

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| KEMI AUTOCLAVE TRIPLE WALLED (VERTICAL)  BAKELITE KNOB TYPE  Dry type, vertical triple walled construction, all the three walls are made of thick high grade stainless steel sheet of SS. The lid is made of stainless steel lid with bakelite knobs foot paddle liftingdevice with silicon gasket, provided with built-in safety valve, pressure gauge, pressure release valve and water level indicator. The pressure is adjustable from 5 PSI to 20 PSI with automatic pressure control switch, controlled with microprocessor based digital controller with timer supplied with stainless steel basket.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | | Dia x Height | K.W | Volume | Qty | Price (Rs.) | | KAUT-S1B | | 250 x 450 mm | 1.5 | 22 Ltr | 1 | 94000-00 | | KAUT-S2B | | 300 x 500 mm | 2.0 | 35 Ltr | 1 | 103000-00 | | KAUT-S3B | | 350 x 550 mm | 3.0 | 53 Ltr | 1 | 118000-00 | | KAUT-S4B | | 450 x 600 mm | 4.0 | 90 Ltr | 1 | 137000-00 | | KAUT-S5B | | 550 x 750 mm | 6.0 | 175 Ltr | 1 | 166000-00 | | Optional: | | | | | | | | a) | Auto Pressure cut off system | | | | | Rs. 7200/- | | b) | Auto Vacuum Breaker | | | | | Rs. 4800/- | | c) | Auto Purging & Exhaust (Solenoid Valve) | | | | | Rs. 7200/- | | N.B.: Special size can be fabricated on request | | | | | | | |

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| KEMI AUTOCLAVE TRIPLE WALLED (VERTICAL)  (WITH RADIAL LOCKING SYSTEM)  Dry type, vertical triple walled construction, all the three walls are made of thick high grade stainless steel sheet of SS grade. The lid is made of stainless steel lid with radial locking system and foot paddle lifting device with silicon gasket, provided with built-in safety valve, pressure gauge, pressure release valve and water level indicator. The pressure is adjustable from 5 PSI to 20 PSI with automatic pressure control switch, controlled with microprocessor based digital controller with timer supplied with stainless steel basket.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | | Dia x Height | K.W | Volume | Qty | Price (Rs.) | | KAUT-S1R | | 250 x 450 mm | 1.5 | 22 Ltr | 1 | 140000-00 | | KAUT-S2R | | 300 x 500 mm | 2.0 | 35 Ltr | 1 | 149000-00 | | KAUT-S3R | | 350 x 550 mm | 3.0 | 53 Ltr | 1 | 164000-00 | | KAUT-S4R | | 450 x 600 mm | 4.0 | 90 Ltr | 1 | 181000-00 | | KAUT-S5R | | 550 x 750 mm | 6.0 | 175 Ltr | 1 | 211000-00 | | Optional: | | | | | | | | a) | Auto Pressure cut off system | | | | | Rs. 7200/- | | b) | Auto Vacuum Breaker | | | | | Rs. 4800/- | | c) | Auto Purging & Exhaust (Solenoid Valve) | | | | | Rs. 7200/- | | N.B.: Special size can be fabricated on request | | | | | | | |

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| KEMI FLASH AUTOCLAVE  It is table top front loading autoclave, double walled unit, outer M.S. powder coated, inner S.S. All joints are argon welded. Door is made up of heavy gauge S.S. sheet and using high quality silicon gasket used with ISI marked immersion heater 1.5 KW In 230/240 V.  Features:   * Fully automatic microprocessor based control * Digital timer both for wet and dry cycle * Alarm after the total command is completed * Automatic water drainage system * Tem range 121oC-134o   Unit is supplied with 2 Nos. S.S. trays with tray stand   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Dia x Depth | Volume | Qty | Price (Rs.) | | KFAC-1 | 230 x 410 mm | 17 Ltr | 1 | 96000.00 |   Optional: Rs. 232 interfase to take print in regular internal without printer Rs. 42000/- |

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| KEMI AUTOCLAVE - PORTABLE  Single wall electrically operated constructed with Stainless steels.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Model No.** | Dia x Height | Body | K.W. | Volume | **Qty** | **Price(Rs.)** | | KAUC-PS | 300x300mm | S.S. | 1.5 | 20 Ltr | 1 | 18000-00 | |

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| KEMI AUTOCLAVE HORIZONTAL (CYLINDRICAL)  Triple walled unit, made of S.S all joints are argon welded. Mounted horizontal on a sturdy, heavy mild steel tubular stand duly powder coated. Pressure is adjustable from 10-20 PSI. Fitted with pressure gauge, safety valve and steam release valve. The units fitted with MULTIPLE OPERATING VALVE to carry out all functions of sterilization cycle at one point i.e. Steam to chamber, Exhaust, Vacuum/Drying. Fitted with a Digital Temperature Indicator to indicate inner temperature, Automatic Pressure Control device and Automatic Low Water Level cut-off Device. Lid is made of S.S. plate provided with radial locking system.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Dia X Depth | Volume | K.W | Qty | Price (Rs.) | | KAUC-HC1 | 250x450MM | 22 Ltrs | 2.0 | 1 | 264000-00 | | KAUC-HC2 | 300x500mm | 35 Ltrs | 3.0 | 1 | 296000-00 | | KAUC-HC3 | 350x550mm | 50 Ltrs | 4.0 | 1 | 320000-00 | | KAUC-HC4 | 400x600mm | 75 Ltrs | 6.0KW | 1 | 346000-00 | | KAUC-HC5 | 450x600mm | 95 Ltrs | 6.0KW | 1 | 366000-00 | | KAUC-HC6 | 550x750mm | 175 Ltrs | 8.0KW | 1 | 394000-00 | | KAUC-HC7 | 500x1100mm | 215 Ltrs | 9.0KW | 1 | 434000-00 |   NB: Special sizes can be fabricated at an extra cost |

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| KEMI WATER STILL (WALL MOUNTING)  MANASTY TYPE  It is electrically operated to obtain Pyrogen free distilled water, made of complete SS (single wall) fitted with ISI marked heaters to ensure trouble free continuous service. Wall mounting clamp is provided with the unit but without rubber tube, supplied with cord and plug to work on 220/230V.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Watts | Output | Qty | Price (Rs.) | | KWS-1 | 2000 | 2 Ltrs/Hr. | 1 | 7200-00 | |  | Water level cut off system for KWS-1 | | | 3600-00 | | KWS-2 | 3000 | 4 Ltrs/Hr. | 1 | 8400-00 | |  | Water level cut off system for KWS-2 | | | 3600-00 | | KWS-3 | 4000 | 6 Ltrs/Hr. | 1 | 10800-00 | |  | Water level cut off system for KWS-3 | | | 4400-00 | | KWS-4 | 6000 | 8 Ltrs/Hr. | 1 | 15600-00 | |  | Water level cut off system for KWS-4 | | | 4400-00 | | KWS-5 | 9000 | 10 Ltrs/Hr. | 1 | 16800-00 | |  | Water level cut off system for KWS-5 | | | 5400-00 |   NB: Installation charge Rs.1800/- extra on request. |

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| KEMI WATER STILL (TABLE TOP)  The complete unit of barnstead type water still is made from stainless steel along with complete argon welding. The high quality kettle type immersion heater is provided with our highly efficient Manesty Type Water Still. We also inculcate water level and drain facility in this barnstead type water still for efficient working.   * Heavy gauge top mounted S.S. flange. * Accurate and pyrogen free distil water. * High quality Kettle type immersion Heaters. * Opening type condenser for periodic cleaning by opening flange. * Water level cut off and Drain facility.  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Output approx | K.W | Qty | Price (Rs.) | | KWSB-1 | 2/3 litres per hour | 2 | 1 | 36000-00 | | KWSB-2 | 4/5 litres per hour | 3 | 1 | 43000-00 | | KWSB-3 | 8/9 litres per hour | 8 | 1 | 82000-00 | | KWSB-4 | 15/16 litres per hour | 10 | 1 | 94000-00 | | KWSB-5 | 19/20 litres per hour | 14 | 1 | 106000-00 | | KWSB-6 | 25/26 litres per hour | 18 | 1 | 130000-00 | |

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| KEMI BUNSEN BURNER  Electrically operated with S.S. body and glass wool insulation fitted with 300W heating element (Temperature upto 700oC approx.)   |  |  |  |  | | --- | --- | --- | --- | | Model No. |  | Qty | Price (Rs.) | | KBB-2 | With Energy Regulator | 1 | 3600-00 | |

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| KEMI WATER BATH INCUBATOR SHAKER  (Metabolic Shaking Incubator)  Double wall, inside made of S.S. and outside of M.S. duly powder coated with a Temperature range ambient + 5oC to 80oC, Temp is controlled by Micro Processor based Digital Temperature Controller Cum Indicator (LED) with an accuracy of +/-0.5oC and shaking speed of oscillating tray is 40 to 140 RPM. Supplied with S.S. tray having Lotus Clamps. Driven by geared motor and supplied without thermometer.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Size (I x b x h) | Volume |  | Qty | Price (Rs.) | | KWBS-1 | 280x300x175mm | 15 Ltr | 9 Flasks x 100 ml | 1 | 42000-00 | | Optional:-50 ml x 12 Flasks, 150ml x 9 Flasks, 250ml x5 Flasks, 500 ml x 4 Flasks, 1000 ml x 1 Flasks & 2000 ml x 1 Flask holding trays can be supplied at an extra cost of Rs. 6000/- each. | | | | | | | Model No. | Size (I x b x h) | Volume |  | Qty | Price (Rs.) | | KWBS-2 | 360x330x170mm | 21 Ltr | 12 Flasks x 100 ml | 1 | 46000-00 | | Optional:-50 ml x 12 Flasks, 150ml x 9 Flasks, 250ml x6 Flasks, 500 ml x 4 Flasks, 1000 ml x 2 Flasks & 2000 ml x 1 Flask holding trays can be supplied at an extra cost of Rs. 6000/- each. | | | | | | |

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| KEMI HOT PLATE – RECTANGULAR  (With Energy Regulator)  Heavy MS Body duly powder coated with SS Top, fitted with Energy Regulator and Rotary Switch supplied complete with cord and plug to work on 220/230V AC (Temperature 250oC-300oC approx).  S.S Top   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Size | Watts | Qty | Price (Rs.) | | KHPE-1SS | 250mmx300mm | 2000 | 1 | 9200-00 | | KHPE-2SS | 250mmx400mm | 2000 | 1 | 10400-00 | | KHPE-3SS | 300mmx450mm | 2000 | 1 | 12400-00 | | KHPE-4SS | 450mmx600mm | 3000 | 1 | 19200-00 | |

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| KEMI HOT PLATE-ROUND  Body constructed out of Mild Steel Sheet duly powder coated, supplied with cord and plug to work on 220/230VAC[Temperature range 2500C-3000C] 1250 watts.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. |  | Top | Qty | Price (Rs.) | | KHPR-2 | 8"Dia round hot plate with energy regulator | S.S | 1 | 3600-00 | | KHPR-2S | 11"Dia round hot plate with energy regulator | S.S | 1 | 8400-00 | |

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| KEMI SLIDE WARMING TABLE  THERMOSTATIC  Body made of Mild Steel sheet duly powder coated to work on 220/230VAC.  Top Sheet Aluminium   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension (W x D x H) | Watts | Qty | Price (Rs.) | | KSWTA-1 | 450mm x 300mm x 150mm | 1500 | 1 | 10100-00 | | KSWTA-2 | 600mm x 450mm x 150mm | 2000 | 1 | 11000-00 |   Top sheet S.S.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension (W x D x H) | Watts | Qty | Price (Rs.) | | KSWTS-1 | 450mm x 300mm x 150mm | 1500 | 1 | 12600-00 | | KSWTS-2 | 600mm x 450mm x 150mm | 2000 | 1 | 13800-00 |   Top Sheet Copper:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Inn. Dimension (W x D x H) | Watts | Qty | Price (Rs.) | | KSWTC-1 | 450mm x 300mm x 150mm | 1500 | 1 | 15600-00 | | KSWTC-2 | 600mm x 450mm x 150mm | 2000 | 1 | 16800-00 | |

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| KEMI HEATING MANTLE  The Heating Mantle are rolled and anchored securely in glass sleeving reinforced and insulated by glass wool to work on 220/230 V/AC. Temperature is controlled by Energy Regulator (Temperature range 100oC approx.)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Watts | Capacity | Qty | Price (Rs.) | | KHM-3 | 125 | 250 ml | 1 | 3500-00 | | KHM-4 | 250 | 500 ml | 1 | 3700-00 | | KHM-5 | 300 | 1000 ml | 1 | 3800-00 | | KHM-6 | 350 | 2000 ml | 1 | 4200-00 | | KHM-7 | 500 | 5000 ml | 1 | 6200-00 | | KHM-8 | 1000 | 10000 ml | 1 | 12500-00 | |

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| KEMI MULTI MANTLE  The Heating Mantles are rolled and anchored securely in glass sleeving, reinforced and insulated by glass wool to work on 220/230 V/AC, but with 3 or 6 mantles in one unit and the temperature is controlled by Energy Regulator.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Capacity | Qty | Price (Rs.) | | KMM-1 | 250 ml x 3 | 1 | 8400-00 | | KMM-2 | 250 ml x 6 | 1 | 15100-00 | | KMM-3 | 500 ml x 3 | 1 | 10300-00 | | KMM-4 | 500 ml x 6 | 1 | 18000-00 | | KMM-5 | 1000 ml x 3 | 1 | 11800-00 | | KMM-6 | 1000 ml x 6 | 1 | 20800-00 | |

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| KEMI ROTA MANTLE  Heating Mantle with Magnetic Stirrer  Used for variable speed with heating by mantle and temperature is controlled by Energy Regulator.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Watts | Capacity | Qty | Price (Rs.) | | KRM-3 | 125 | 250ml | 1 | 9400-00 | | KRM-4 | 250 | 500ml | 1 | 10200-00 | | KRM-5 | 300 | 1000ml | 1 | 11000-00 | | KRM-6 | 350 | 2000ml | 1 | 11800-00 | |

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| KEMI SOXHLET EXTRACTION APPARATUS  Heating Mantles are arranged in a row. Housing is made with MS sheet duly powder coated, supplied with two nos MS stand and one adjustable rod equipped with individual Energy Regulator and Pilot Lamp to work on 220-230 VAC.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Capacity | Qty | Price (Rs.) | | KSEA-1 | 50/100mlx3 | 1 | 8400-00 | | KSEA-1a | 250mlx3 | 1 | 9600-00 | | KSEA-1b | 500mlx3 | 1 | 11000-00 | | KSEA-1c | 1000mlx3 | 1 | 12600-00 | | KSEA-2 | 50/100mlx6 | 1 | 15200-00 | | KSEA-2a | 250mlx6 | 1 | 16800-00 | | KSEA-2b | 500mlx6 | 1 | 18600-00 | | KSEA-2c | 1000mlx6 | 1 | 20800-00 | |

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| KEMI INFRA RED RAYS CABINET  This is used for melting rubbers in the rubber industries. Supplied complete with IRR Bulbs, Separate switch for each bulb.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Watts |  | Qty | Price (Rs.) | | KIRR-1 | 3000 | 12 Bulbs | 1 | 42000-00 | | KIRR-2 | 4500 | 18 Bulbs | 1 | 48000-00 | | KIRR-3 | 6000 | 24 Bulbs | 1 | 55000-00 | |

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| KEMI U.V. CABINET  Made of MS sheet duly powder coated, provided with inspection hole, useful for viewing TLC plate under UV light.   |  |  |  |  | | --- | --- | --- | --- | | Model No. |  | Qty | Price (Rs.) | | KUVC-1 | One U.V lamp (short wave) with one fluorescent lamp | 1 | 5500-00 | | KUVC-2 | Two U.V lamps (short 256 & long 356 wave) with one fluorescent lamp | 1 | 8400-00 | |

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| KEMI SLIDE VIEWER BOX  MS box duly powder coated with illuminated plexy glass viewing 300mm long and 100mm wide which operate on 220/230 VAC.   |  |  |  | | --- | --- | --- | | Model No. | Qty | Price (Rs.) | | KSVB-1 | 1 | 4200-00 | |

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| KEMI WRIST ACTION SHAKER  GRIFFIN FLASK SHAKER  Heavy MS body duly powder coated having two side arms with suitable flask holding clamps, using AC/DC gear motor and shaking speed range 50-250 rpm with variable speed control.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | No: of Flasks |  | Qty | Price (Rs.) | | KWAS-1 | 4 Flasks upto 500ml | 1/20 Hp | 1 | 28000-00 | | KWAS-2 | 6 Flasks upto 500ml | 1/12 Hp | 1 | 30000-00 | | KWAS-3 | 8 Flasks upto 500ml | 1/8 Hp | 1 | 34000-00 |   Optional:- Digital Timer can be fitted at an extra cost of Rs.4200/- |

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| **KEMI ROTARY SHAKER**  **These shakers are ideal for mixing and development of cultures, chemicals and pathological work etc.The unit is fabricating from heavy mild steel duly powder coated with continuous duty motor and controllable shaking speed upto 250RPM having different sizes of platforms with rubber disks for holding flasks.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Model No:** | **Platform Size** | **Holding Capacity** | **Qty** | **Price (Rs.)** | | **KRS-1** | **300mm x 300mm**  **Additional Platform** | **250ml X9Nos**  **100mlX16Nos** | **1** | **36000-00**  **7200-00** | | **KRS-2** | **450mm x 450mm**  **Additional Platform** | **250mlX16Nos**  **100ml X36Nos** | **1** | **46000-00**  **9600-00** | | **KRS-3** | **600mm x 600mm**  **Additional Platform** | **250mlX36Nos**  **100mlX64Nos** | **1** | **54000-00**  **10800-00** | | **KRS-4** | **900mm x 900mm**  **Additional Platform** | **250mlX64Nos**  **100mlX100Nos** | **1** | **71000-00**  **12000-00** |   **Optional:-1) Digital RPM Display 50-250 RPM with timer (1-99minutes) Rs.7200/-**  **2) 0-24hours weekly cyclic timer Rs.4200/-**  **3) SS Lotus Clamps for holding flasks [instead of rubber disks] Rs.11400/-** |

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| KEMI ORBITAL SHAKER  These shakers are made of fully stainless steel/MS having Lotus Clamps holding various sizes of flasks and the orbital speed ranging from 50-250 RPM. The unit has built with Micro Processor Controlled RPM and Digital timer 1 to 99 minutes.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Platform size | Capacity | Qty | Price (Rs.) | | KORB-1 SS | 360 X 360mm | 16 Flasks x 250 ml | 1 | 60000-00 | | KORB-1 MS | 360 x 360mm | 16 flasks x 250 ml | 1 | 47000-00 | | Optional:-Additional platforms(100 ml x 25 Nos., 500 ml x 9 Nos. 1000 ml x 4 Nos.) Rs.8400/-each | | | | | |

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| KEMI KHAN SHAKER (Reciprocating Type)  Reciprocating action, forward and backward movement, and controllable speed shaker upto 150 strokes per minute. Tray with lotus clamp or rubber disc supporters can accommodate Erlyn Meyer flasks and tray with adjustable roller supporters can accommodate khan racks, bottle of different sizes, displacement approx. 40mm. Various sizes are available:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Platform Capacity | Platform Size (in mm) | Qty | Price (Rs.) | | KKS-1S | 9 flasks of 250 ml | 380 x 380 | 1 | 36000-00 | | KKS-2S | 12 flasks of 250 ml | 380 x 500 | 1 | 46000-00 | | KKS-3S | 16 flasks of 250 ml | 500 x 500 | 1 | 49000-00 | |

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| KEMI UV CHAMBER  Double walled, outer body made of MS powder coated, inner made of uv stabilized polycarbonate sheet. Unit equipped with 4 Nos. UV lamps on 4 sides of the equipment (1 1/2 length each) & Illumination with the help of fluorescent lamp (1 No.) inside the chamber, when the door closes UV lamps will automatically switch ON and fluorescent lamp will switch OFF and vice versa Unit will have caster wheels for easy handling. UV chamber is backed with all modern and sophisticated features for maintaining the sterility of sterilized instruments in dental clinics.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | L x D x H in mm | Qty | Price (Rs.) | | KUC-1 | 450 x 450 x 900 | 1 | 48000-00 | | NB: Stainless steel body can fabricated at an extra cost. | | | | |

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| KEMI V.D.R.L. SHAKER  Made of MS body duly powder coated with a platform size of 300mm x 300mm for handling small flasks or reactor trays. The shaker platform rotates in a horizontal plane and allows a wide variety of rotary and mixing application.   |  |  |  |  | | --- | --- | --- | --- | | Model No. |  | Qty | Price (Rs.) | | KVDRL | Equipped with 0-15 minutes Timer upto  180 RPM approx. | 1 | 5400-00 | | NB: Digital timer (1-99) minutes Rs. 3000 at an extra cost | | | | |

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| KEMI CYCLO MIXER/VORTEX MIXER  This vortex mixer is used for thorough mixing of precipitates in test tubes, small bottles or flasks. Speed regulator switch also provided to control the speed.  Suitable to work on 220 VAC.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | RPM | Qty | Price (Rs.) | | KCM-1 | 1200 | 1 | 6600-00 | |

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| KEMI FLOCULATOR (Jar Testing Apparatus)  Continuous duty geared motor drive with built in speed control, S.S. stirring shafts with adjustable height S.S. propeller and tube lights for illumination available in various models.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. |  | RPM |  | Qty | Price (Rs.) | | KFLO-1 | 1/20 HP | 0-100 | 4 Nos. Multi spindle | 1 | 31000-00 | | KFLO-2 | 1/20 HP | 0-100 | 6 Nos. Multi Spindle | 1 | 36000-00 | | KFLO-3 | 1/8 HP | 0-300 | 4 Nos. Multi Spindle | 1 | 42000-00 | | KFLO-4 | 1/8 HP | 0-300 | 6 Nos. Multi Spindle | 1 | 47000-00 | |

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| KEMI AIR CURTAIN  (AIR DOORS)  Produces a high-speed air barrier, dividing areas into two independent temperature zones. Levels of interior air conditioning/heating are maintained, increasing comfort and saving energy.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Door width | Qty | Price (Rs.) | | KAC-1 | 2 ft | 1 | 20000-00 | | KAC-2 | 3 ft | 1 | 24000-00 | | KAC-3 | 4 ft | 1 | 29000-00 | | KAC-4 | 5 ft | 1 | 35000-00 | | KAC-5 | 6 ft | 1 | 42000-00 | |

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| KEMI MUFFLE FURNACE (9000C) DIGITAL TYPE  Rectangular electric furnace with light weight and fast heating system, the body made of thick mild steel sheet duly powder coated with iron angles. Working temperature of 900oC, controlled by Micro processor based Digital Temperature Controller fitted with thermal fuse and thermocouple with ceramic wool insulation.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Chamber Size | K.W | Qty | Price (Rs.) | | KMF-1 | 4" x 4" x 9" | 2 | 1 | 28000-00 | | KMF-2 | 5" x 5" x 10" | 2.5 | 1 | 32000-00 | | KMF-3 | 6" x 6" x 9" | 3.3 | 1 | 38000-00 | | KMF-4 | 6" x 6" x 12" | 3.5 | 1 | 42000-00 | |

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| KEMI MUFFLE FURNACE SPECIAL (11000C)  Rectangular electric furnace with light weight and fast heating system, the body made of thick mild steel sheet duly powder coated with iron angles. Working temperature of 11000C, controlled by Micro Processor based Digital Temperature Controller Cum Indicator (LED) fitted with thermal fuse and thermocouple with ceramic wool insulation.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Chamber Size | K.W | Qty | Price (Rs.) | | KMF-1S | 4"x4"x9" | 2 | 1 | 40000-00 | | KMF-2S | 5"x5"x10" | 2.5 | 1 | 46000-00 | | KMF-3S | 6"x6"x9" | 3.3 | 1 | 55000-00 | | KMF-4S | 6"x6"x12" | 3.5 | 1 | 60000-00 | |

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| KEMI HIGH TEMPERATURE MUFFLE FURNACE(14000C)  The unit is specially designed to meet the requirements of High Temperature the casing is made of M.S. reinforced with iron angles duly painted. Chamber made of Ceramic Zirconium Board and elements are placed Horizontally in the Chamber. Heating is done by Imported Silicon Carbide Rods duly controlled by Thyrister Power Pack System. Maximum Furnace Temperature upto 1400oC operatable in 220 Volts Single Phase AC supply.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Chamber Size | Qty | Price (Rs.) | | KMF-1S-SP | 4" x 4" x 9” | 1 | 300000-00 | | KMF-2S-SP | 5" x 5" x 10” | 1 | 312000-00 | | KMF-3S-SP | 6" x 6" x 9” | 1 | 324000-00 | | KMF-4S-SP | 6" x 6" x 12” | 1 | 420000-00 |   NB: Special sizes can be fabricated at an extra cost. |

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| KEMI HOT AIR OVEN - BOTTOM HEATED  (THERMOSTATIC)  Hot Air Ovens are sturdy double walled units Inner chamber made of S.S./ Alu and outer made of Mild Steel with Powder coating. Gap between the walls filled with glass wool insulation to avoid heat loses. Temperature is controlled by thermostat. Temp. Range 50oC to 200oC and Accuracy: +-2oC Air Ventilations are placed on top of both sides to remove hot gases/fumes.  Inner Chamber & Trays Alu.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price (Rs.) | | KOA-1 | 300x300x300mm | 2 | 1000 | 28 | 1 | 13200-00 | | KOA-2 | 350x350x350mm | 2 | 1000 | 45 | 1 | 15200-00 | | KOA-3 | 450x450x450mm | 2 | 1000 | 95 | 1 | 20000-00 | | KOA-4 | 450x450x600mm | 3 | 1000 | 125 | 1 | 28000-00 | | KOA-5 | 600x600x600mm | 3 | 1500 | 225 | 1 | 33100-00 | | KOA-6 | 600x600x900mm | 3 | 1500 | 325 | 1 | 51000-00 |   Same as above but the Inner Chamber & Trays Stainless Steel.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price  **(Rs.)** | | KOS-1 | 300x300x300mm | 2 | 1000 | 28 | 1 | 16600-00 | | KOS-2 | 350x350x350mm | 2 | 1000 | 45 | 1 | 18000-00 | | KOS-3 | 450x450x450mm | 2 | 1000 | 95 | 1 | 24100-00 | | KOS-4 | 450x450x600mm | 3 | 1000 | 125 | 1 | 33100-00 | | KOS-5 | 600x600x600mm | 3 | 1500 | 225 | 1 | 40000-00 | | KOS-6 | 600x600x900mm | 3 | 1500 | 325 | 1 | 60000-00 | | Optional: | | | | | | | | 1. Micro processor based Digital Temperature Controller Rs. 7200/-   (Instead of thermostat) | | | | | | | | 1. Air Circulation Fan Rs. 3600/- | | | | | | | | 1. Digital Timer Rs.4200/- | | | | | | | | N.B: Outer & inner S.S. 316 can be fabricated at an extra cost.  Special sizes can be fabricated at an extra cost.  Temperature upto 3000C can be fabricated on extra cost. | | | | | | | |

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| KEMI HOT AIR OVEN MEMMERT TYPE  With three side Heating Element.  Inner Chamber & Trays Alu.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price  **(Rs.)** | | KOMA-1 | 300x300x300mm | 2 | 1000 | 28 | 1 | 15200-00 | | KOMA-2 | 350x350x350mm | 2 | 1000 | 45 | 1 | 17300-00 | | KOMA-3 | 450x450x450mm | 2 | 1000 | 95 | 1 | 21400-00 | | KOMA-4 | 450x450x600mm | 3 | 1000 | 125 | 1 | 31800-00 | | KOMA-5 | 600x600x600mm | 3 | 1500 | 225 | 1 | 39400-00 | | KOMA-6 | 600x600x900mm | 3 | 1500 | 325 | 1 | 56400-00 |   Inner Chamber & Trays S.S.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price  **(Rs.)** | | KOMS-1 | 300x300x300mm | 2 | 1000 | 28 | 1 | 18600-00 | | KOMS-2 | 350x350x350mm | 2 | 1000 | 45 | 1 | 22100-00 | | KOMS-3 | 450x450x450mm | 2 | 1000 | 95 | 1 | 26300-00 | | KOMS-4 | 450x450x600mm | 3 | 1000 | 125 | 1 | 37200-00 | | KOMS-5 | 600x600x600mm | 3 | 1500 | 225 | 1 | 43400-00 | | KOMS-6 | 600x600x900mm | 3 | 1500 | 325 | 1 | 64800-00 | | Optional: | | | | | | | | 1. Micro processor based Digital Temperature Controller Rs. 7200/-   (Instead of thermostat) | | | | | | | | 1. Air Circulation Fan Rs. 3600/- | | | | | | | | 1. Digital Timer Rs.4200/- | | | | | | | |

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| KEMI BACTERIOLOGICAL INCUBATOR  BOTTOM HEATED (THERMOSTATIC)  Double wall chambers inner made of SS/Alu and outer of Mild Steel sheet duly powder coated with 2.5" thick glass wool insulation. Temperature is controlled by an imported thermostat, and working temperature ambient +5oC to 80oC with an accuracy of +/- 1oC and without thermometer.  Inner Chamber & Trays Alu.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price  **(Rs.)** | | KIA-1 | 300x300x300mm | 2 | 250 | 28 | 1 | 13200-00 | | KIA-2 | 350x350x350mm | 2 | 250 | 45 | 1 | 15200-00 | | KIA-3 | 450x450x450mm | 2 | 250 | 95 | 1 | 20000-00 | | KIA-4 | 450x450x600mm | 3 | 250 | 125 | 1 | 28000-00 | | KIA-5 | 600x600x600mm | 3 | 500 | 225 | 1 | 33100-00 | | KIA-6 | 600x600x900mm | 3 | 500 | 325 | 1 | 51000-00 |   Inner Chamber & Trays S.S.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price  **(Rs.)** | | KIS-1 | 300x300x300mm | 2 | 250 | 28 | 1 | 16600-00 | | KIS-2 | 350x350x350mm | 2 | 250 | 45 | 1 | 18000-00 | | KIS-3 | 450x450x450mm | 2 | 250 | 95 | 1 | 24100-00 | | KIS-4 | 450x450x600mm | 3 | 250 | 125 | 1 | 33100-00 | | KIS-5 | 600x600x600mm | 3 | 500 | 225 | 1 | 40000-00 | | KIS-6 | 600x600x900mm | 3 | 500 | 325 | 1 | 60000-00 | | Optional: | | | | | | | | 1. Micro processor based Digital Temperature Controller Rs. 7200/-   (Instead of thermostat) | | | | | | | | 1. Air Circulation Fan Rs. 3600/- | | | | | | | | 1. Digital Timer Rs.4200/- | | | | | | | |

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| KEMI BACTERIOLOGICAL INCUBATOR MEMMERT  Three side Heating Element (THERMOSTATIC EGO GERMAN MAKE)  Inner Chamber & Trays Alu.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price  **(Rs.)** | | KIMA-1 | 300x300x300mm | 2 | 250 | 28 | 1 | 15200-00 | | KIMA-2 | 350x350x350mm | 2 | 250 | 45 | 1 | 17300-00 | | KIMA-3 | 450x450x450mm | 2 | 250 | 95 | 1 | 21400-00 | | KIMA-4 | 450x450x600mm | 3 | 250 | 125 | 1 | 31800-00 | | KIMA-5 | 600x600x600mm | 3 | 500 | 225 | 1 | 39400-00 | | KIMA-6 | 600x600x900mm | 3 | 500 | 325 | 1 | 56400-00 |   Inner Chamber & Trays S.S.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Chamber Size  (L x B x H) | No. of Trays | Watts | Approx. Ltr | Qty | Price  **(Rs.)** | | KIMS-1 | 300x300x300mm | 2 | 250 | 28 | 1 | 18600-00 | | KIMS-2 | 350x350x350mm | 2 | 250 | 45 | 1 | 22100-00 | | KIMS-3 | 450x450x450mm | 2 | 250 | 95 | 1 | 26300-00 | | KIMS-4 | 450x450x600mm | 3 | 250 | 125 | 1 | 37200-00 | | KIMS-5 | 600x600x600mm | 3 | 500 | 225 | 1 | 43400-00 | | KIMS-6 | 600x600x900mm | 3 | 500 | 325 | 1 | 64800-00 | | Optional: | | | | | | | | 1. Micro processor based Digital Temperature ControllerRs. 7200/-   (Instead of thermostat) | | | | | | | | 1. Air Circulation FanRs. 3600/- | | | | | | | | 1. Digital Timer Rs.4200/- | | | | | | | | N.B: Outer & inner S.S. 316 can be fabricated at an extra cost. Special sizes can be fabricated at an extra cost. | | | | | | | |

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| KEMI GEL ROCKER  GEL Rocker is specifically optimised with the ideal rocking speed and tilt angle for blot washing, gel staining and detaining applications, Speed: 0-60 Oscill/min fitted with digital timer 0-99 minutes, with controllable speed.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Platform size | Qty | Price (Rs.) | | KGR-1 | 280 x 280mm | 1 | 36000-00 | | NB: Special platform sizes can be supplied at an extra cost | | | | |

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| KEMI HYBRIDIZATION INCUBATOR  Double walled construction, outer body made of Mild steel duly powder coated and inner chamber made of quality SS sheet, glass wool insulation, temperature range ambient +5oC to 60oC. Temperature is controlled by Micro Processor based Digital Temperature Controller Cum Indicator (LED). Provided with SS tray with suitable supporters to hold rack or flasks on it. The up and down oscillation can be controlled by an electronic speed regulator, maximum 90 stroke per minute. An air circulation fan and one CFL also provided inside the chamber. To create humidity a water bowl can be kept inside, position is provided in the chamber. Front door of the equipment is provided with full view glass door.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Inner Dimension | Watts | Qty | Price (Rs.) | | KHI-1 | 350 x 350 x 350mm | 400 | 1 | 90000-00 | |

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| KEMI VACUUM OVEN  Commonly using the temp. range from 50oC to 250oC. The inner chamber is made out of SS and outer of MS sheet duly powder coated. Glass wool insulation is provided all around the chamber to minimize heat loss due to radiation. The door and its frame is made of heavy gauge extruded aluminium having a toughened glass window to view the samples placed inside. The temperature is controlled and indicated by a Micro processor based Digital Temperature Indicating Controller (LED). Vacuum Control valve with a vacuum gauge is also provided. Maximum Vacuum: 760mm of Hg. Mains: 220/230V AC.  VACUUM OVEN Cylindrical  NB:- Without Vacuum pump.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Chamber Size | Qty | Price (Rs.) | | KVOC-1 | 300mm x 300mm | 1 | 47000-00 | | KVOC-2 | 400mm x 600mm | 1 | 84000-00 | | KVOC-3 | 450mm x 600mm | 1 | 102000-00 | | KVOC-4 | 500mm x 750mm | 1 | 140000-00 | | VACCUM OVEN Rectangular | | | | | Model No. | Chamber Size | Qty | Price (Rs.) | | KVOR-1 | 300 x 300 x 300mm | 1 | 55000-00 | | KVOR-2 | 350 x 350 x 350mm | 1 | 102000-00 | | KVOR-3 | 450 x 450 x 450mm | 1 | 120000-00 | | KVOR-4 | 450 x 450 x 600mm | 1 | 160000-00 | |

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| KEMI INDUSTRIAL OVEN  Industrial Oven is triple walled outer wall made of heavy gauge MS sheet with duly painted and second & third wall is made of Galvanised Steel sheet & insulated with mineral wool, temperature range from 50oC to 250oC with an accuracy of +/- 3oC, controlled by Micro processor based Digital Temperature Controller with forced air circulation fan.   |  |  |  |  | | --- | --- | --- | --- | | Model No. | Inner Chamber Size  (L X B X H) | Qty | Price  **(Rs.)** | | KIDO-1 | (3' x 3' x 2') | 1 | 132000-00 | | KIDO-2 | (3' x 3' x 3') | 1 | 161000-00 | | KIDO-3 | (3' x 4' x 3') | 1 | 208000-00 | | KIDO-4 | (3' x 5' x 5') | 1 | 258000-00 | | KIDO-5 | (3' x 5' x 7') | 1 | 280000-00 | | KIDO-6 | (3' x 6' x 6') | 1 | 293000-00 | | KIDO-7 | (3' x 6' x 8') | 1 | 324000-00 | | KIDO-8 | (4' x 6' x 7') | 1 | 492000-00 | | KIDO-9 | (5' x 6' x 8') | 1 | 546000-00 |   Optional: Special sizes can be fabricated at an extra cost.  Double side door can be provided at an extra cost.  Stainless steel chamber can be fabricated at an extra cost. |

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| KEMI CABINET TRAY DRIER  (Bottom Heated)  Double wall construction outer made of Mild Steel Sheet duly powder coated. The inner chamber made of Mild Steel Sheet, aluminium painted finish (heat resistant) with thick glass wool insulation, air inlet and exhaust for removal of moisturizer. The temperature is controlled by Micro Processor Based Digital Temperature Controller Cum Indicator (LED) from ambient +5oC to 250oC having an accuracy of +/-1oC. The unit is equipped with 1/4HP motor (single phase) to support fan for getting uniform temperature inside the working chamber and 12 Nos. non-perforated Aluminium trays (size 32" x 16" x 1.25" W X D X H). The door has Limit Switch to disconnect power supply to heaters when the door is opened.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Model No. | Outer Size  (W X D X H) | Inner size  (W X D X H) | Heater | Qty | Price  **(Rs.)** | | KCTD-1 | 950x550x1150mm | 825x450x900mm | 2KW | 1 | 110000-00 |   N.B. Different types and sizes of Industrial Driers can be supplied on specific order. |

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| KEMI DRY BATH (DRY BLOCK DIGESTOR)  Dry Bath use interchangeable heating block modules for a variety of applications, including restriction digests, denaturing DNA, BUN, melting agar, coagulation studies hybridisation and Hot Start thermo-cycled reaction. Aluminium block interface provides good conductivity and even temperature to allow rapid heating and thermal control, temperature range is 50oC to 250oC accuracy: ±3oC opening size suitable for 6 to 25mm diameter test tube as your requirement.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Model No. | Temp. |  | Qty | Price (Rs.) | | KDBD-1 | 50oC to 250oC | Thermostat Type | 1 | 25000-00 | | KDBD-2 | 50oC to 250oC | Digital temp. & timer  (0-99 minutes Type) | 1 | 35000-00 | |

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| **KEMI REFRIGERATED CHAMBER BATH (-350C)**  **This is an eco friendly and CFC free refrigerant Bath. Double walled**  **construction inner and outer made of S.S. Sheet with PUF insulation to minimize heat loss. Capillary controlled, balanced and hermeticallysealed refrigeration is most economical, trouble free and exceptionallyquiet performance. Temperature is controlled by Micro Processor basedDigital Temperature Controller Cum Indicator (LED) having anaccuracy of +/- 30C. The Working chamber consists of 2 nos., holes forinserting test tubes as your requirement.**   |  |  |  |  | | --- | --- | --- | --- | | **Model No.** | **Dimension Outer**  **(W x D x H)** | **Working Chamber**  **(2 nos. Holes)** | **Price (Rs.)** | | **KRBH** | **450 x 450 x 750mm** | **75mm dia x 300mm depth.** | **125000-00** |   **Optional : Automatic Voltage Stabilizer 3 Kva Rs. 7200/-**  **N. B: Non use of stabilizer will render the warranty of the equipmentinvalid.** |

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| **KEMI TENSILE TESTING MACHINE**  **Body made up of heavy gauge mild steel with powder coated. It is commonly used for the test of Glue shear strength, Modulus of Rupture(MOR), and Modulus of Elasticity (MOE) of samples in plywood and Textile Industry.**  **Features:-**   * **Load cell Capacity : 20 KN / 2 Ton** * **Load indication resolution : 1 N** * **Cross head Speed Range: 1 to 50 mm / minute.** * **Elongation resolution : 0.1 mm** * **Automatic stop of predetermined Upper and Lower limits.** * **Peak hold facility.** * **Auto stop feature on sample break.** * **Load indication selection switch for Kg and N.** * **Good featured AC variable speed drive for 3 phase induction motor** * **Machine supplied with Heavy M.S. Stand**  |  |  |  | | --- | --- | --- | | **Model No.** | **Qty** | **Price (Rs.)** | | **KTTM** | **1** | **240000-00** | |

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| **KEMI WATER COOLER**  **The water cooler is a device that cools and dispenses water.**  **The water inside the water cooler is fed into a reservoir, where it is cooled using a refrigerant. A refrigerant is a cooling medium that is circulated in pipes that are located close to the reservoir in the water cooler. The refrigerant changes from a liquid to a gas as it moves in the pipes towards the reservoir because of the pressure in the pipes created by a compressor inside the water cooler. The cooled gas in the water pipe is forced through a valve to make it even colder.**  **Product Description:-**   * **Faster cooling.** * **Eco-friendly.** * **CFC free technology.** * **In-site power saving PUF insulation.** * **Quality Compressor for trouble-free operation.** * **Food Grade SS tank and body.** * **Silent operation.** * **Hermically sealed Tecumseh make compressor with overload protection.** * **Automatically Control Temperature ( Thermostat control )** * **Stainless Steel Tank & Body**   **Dimensions :  Width :460mm Depth : 430mm Height : 1100 mm**  **Current : 1.2A**  **Material : SS 304**  **Temperature Range : 300C to 100C. ( Thermostatic control)**  **Weight : 30 Kg ( Approx)**  **Number of Taps:  2**  **Cooler Capacity: 20 Ltrs.**  **Dimension: 460 x 430 x 1100 mm.**   |  |  |  | | --- | --- | --- | | **Model No.** | **Qty** | **Price (Rs.)** | | **KWC-1** | **1** | **35000-00** |   **Note: The product not included Water filters. Customer should be connect water purification filter externally.** |

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| **KEMI WATER COOLER WITH HOT WATER**  **The water cooler with hot water is a device that cools and store water in a tank and dispense through tap. The same time heat and store water in another a tank and dispense water with separate tap.**  **Product Description:-**   * **Faster cooling.** * **Faster Heating.** * **CFC free technology.** * **In-site power saving PUF insulation.** * **Quality Compressor for trouble-free operation.** * **Food Grade SS tank and body.** * **Silent operation.** * **Hermically sealed Tecumseh make compressor with overload protection.** * **Automatically Control Temperature ( Thermostat control )** * **Stainless Steel Tank & Body**   **Dimensions :  Width :460mm Depth : 430mm Height : 1100 mm**  **Current : 5A**  **Material : SS 304**  **Temperature Range Water Cooler : 300C to 100C. (Thermostatic control)**  **Temperature Range Hot Water : 300C to 100C. (Thermostatic control)**  **Weight : 50 Kg ( Approx)**  **Number of Taps:  3**  **Cooler Capacity : 20 Ltrs.**  **Hot water Capacity : 20 Ltrs.**  **Dimension : 900x430x1100 mm.**   |  |  |  | | --- | --- | --- | | **Model No.** | **Qty** | **Price (Rs.)** | | **KWCH-1** | **1** | **42000-00** |   **Note: The product not included Water filters. Customer should be connect water purification filter externally.** |

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| **KEMI LATEX MECHANICAL STABILITY TEST MACHINE**  **Purpose:-**  **The latex rubber stability test machine / apparatus tests the mechanical stability of concentrated natural and synthetic latex rubber when subjected to high speed mechanical stirring or mechanical shear.**  Stirring is applied to the latex rubber at a constant of 14,000 rpm until the end point, or latex instability is reached.   |  |  |  | | --- | --- | --- | | MODEL NO. | QTY | PRICE (Rs.) | | KLMSTM-1 | 1 | 73000-00 | |

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| KEMI VERTICAL LAMINAR AIR FLOW SYSTEM  The Vertical Laminar Air Flow is used for the protection of filling/packaging operations of products that are so sensitive for contamination. It is blown vertically from the plenum towards the ground, and is guided within the area to be protected via a system of either flexible PVC curtains or rigid polycarbonate panels. This air flow maintains the area to be protected under a greater pressure than the surrounding room, thus avoiding any cross contamination.  Construction: SS/MS as per required sizes can be supplied on specific order. |

**MAJOR EQUIPMENT FOR SETTING UP GOLD/SILVER**

**ASSAYING & HALL MARKING CENTRE**

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| 1). MUFFLE FURNACE  Rectangular electric furnace with light weight and fast heating system, the body made of thick mild steel sheet duly powder coated with iron angles. The maximum temperature of 1200oC and working temperature of 1100oC, controlled by Micro processor based Digital Temperature Controller fitted with thermal fuse and thermocouple with ceramic wool insulation.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Model No. | Process | Temp. | Chamber Size | Watts | Qty | Price  **(Rs.)** | | KMF-3C | CUPELLATION | 10600C-11000C  (With Blower System) | 6" x 6" x 9" | 3.3 KW | 1 | 60000-00 | | KMF-3A | ANNEALING | 7500C | 6" x 6" x 9" | 3.3 KW | 1 | 53000-00 | | KMF-3M | MELTING | 10600C | 6" x 6" x 9" | 3.3 KW | 1 | 55000-00 | |

**2). HOT PLATE (ROUND)(See Page No.53 for Price & Specification)**

**3). FUME HOOD WITH SCRUBBER UNIT**

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| 1. **FUME HOOD (To Remove nitrous Fumes)**   **Fume Hood is made from good quality Fiber glass Reinforced Plastic (FRP) which is acid/ alkali resistant, fitted with a sliding door made of poly carbonate sheet moves vertically up and down with counter balance system. A major blower system (2HP, 3 Phase) fitted on top of the working area which is closely connected to the Scrubber unit.**  **A fume hood is an important safety device which protects laboratory personnel from exposure to volatile chemicals. A properly maintained fume hood exhausts hazardous fumes, dusts and mists, for safe and practical dispersal to the atmosphere. Hoods also serve as physical barriers between reactions and the laboratory, therefore offering a measure of protection against spills, run-away reactions and fires.**  **Features:-**   * **Superior functionality** * **Commendable sturdiness and durability** * **User friendly and economical nature** * **Work Table Size: 3’ x 2’** * **Heavy Blower System with 8’’ duct provision**  1. **WET SCRUBBER (To Neutralize Acid Fumes)**   **Scrubber Systems are a device group of air pollution control devices that can be used to remove some particles or gases from industrial exhaust streams. Traditionally, the term scrubber refers to pollution control device that use liquid to wash unwanted pollutants from a gas stream. Scrubber is made from good quality Fiber glass Reinforced Plastic (FRP) which is acid/alkali resistant.**  **FUNCTION: Wet scrubber is a form of pollution control technology. It includes removal from the suction of air steam which includes the harmful gases and dust particles by blower, the gaseous particles are removed by either chemical reaction or absorption of water. Wet scrubber literally washes dust and smoke particles out of air. The suction air is forced into water through the water spray where the particles cause the dust to drop from the air stream.**   |  |  |  | | --- | --- | --- | | **Model No.** | **Qty** | **Price (Rs.)** | | **KSR-1** | **1** | **358000-00** | |

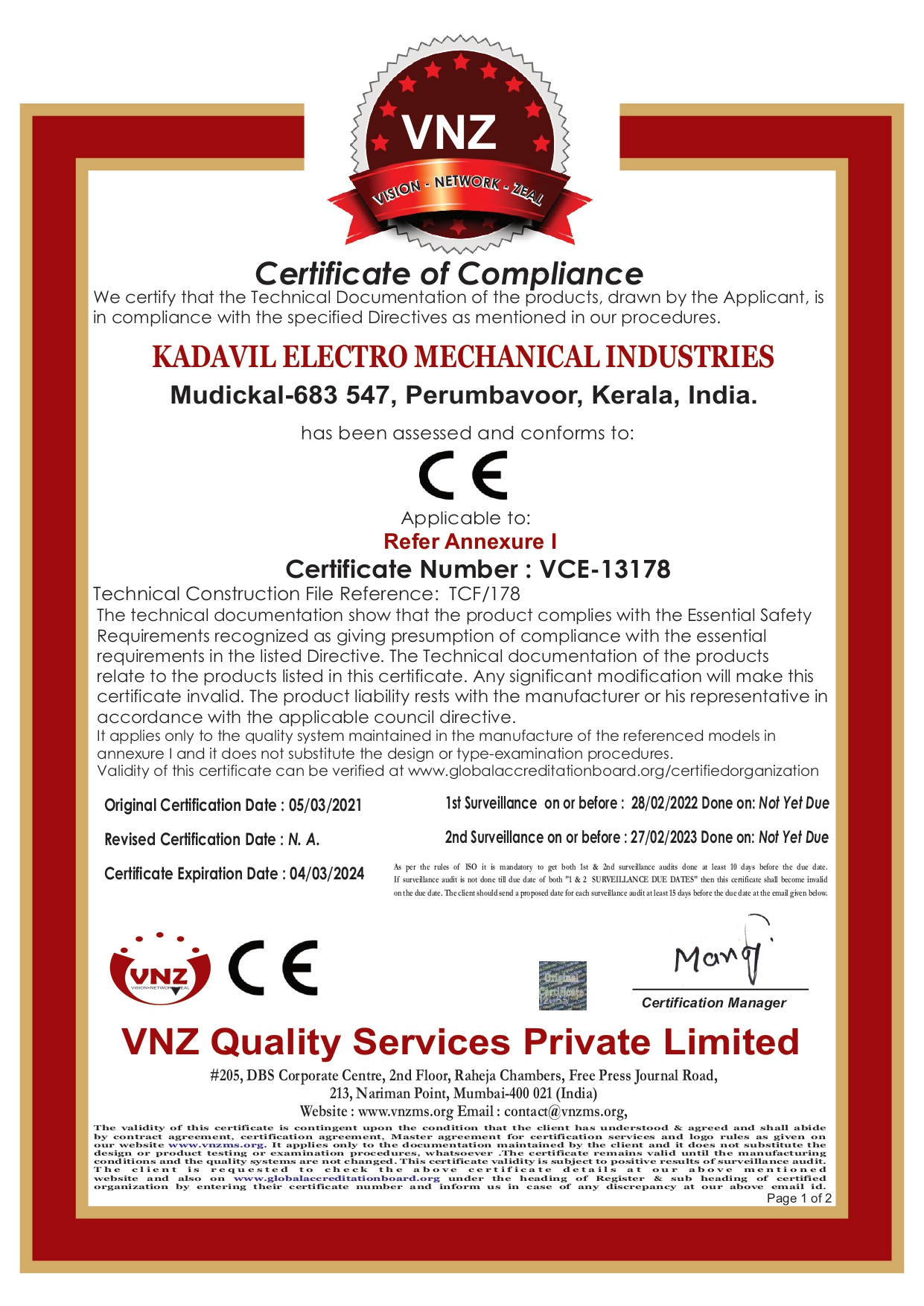
**4). HOT AIR OVEN (See Page No.62,63 for Price & Specification)**

**5). WATER BATH (See Page No.37,38 for Price & Specification)**

**6). WATER STILL (See Page No.50 for Price & Specification)**

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| KEMI VACUUM PRESSURE IMPREGNATION TREATMENT PLANT  Vacuum Pressure Impregnation plant are used for a variety of purposes and applications in wood processing. Dyeing and waxing of wooden pencil stats, monomer Impregnation for wood plastic composites, fire retardant treatment, and treatment with wood preserving chemicals are some of the most important applications.  Length of such plants vary from 2m (6.5ft) to 12m (40ft) with diameter ranging from 60cm (2ft) to 1.8m (6ft). Pressure cylinders are manufactured from high quality steel sheet of proper thickness (10mm of above) welded to dish ends so as to ensure proper safety of the cylinder during operation. Such vessels are tested to a maximum pressure of 20psi.  Power Required:-   * VACUUM PUMP - 2 HP * PRESSURE PUMP - 3 HP   Tank Size: 2550 mm Length x 1350 mm Dia  for accommodating 8x4 feet size of Plywood (20 Nos Approx.)   |  |  |  | | --- | --- | --- | | Model No. | Qty | Amount | | KVPT-1 | 1 | 4,80,000.00 | |

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