



INTRODUCTION

We are introducing ourselves as one of the leading Manufacturer, Supplier and Exporters of Laboratory Equipments for Research Laboratories, Educational Institutes, Hospitals & Industries etc.

For about 43 years, We are offering quality products at very competitive prices. Our specialities lays in the field of :

- ★ ***Laboratory Equipments & Instruments.***
- ★ ***Oil & Petroleum Testing Instruments.***
- ★ ***Cement & Soil Testing Instruments.***
- ★ ***Heating and Cooling Cabinets***
- ★ ***Deioniser Plants & RO Plants***
- ★ ***Paper Testing Instruments.***
- ★ ***Meteorological Instruments.***
- ★ ***Pharmaceutical Instruments.***
- ★ ***Paint Testing Instruments.***
- ★ ***Pharmacology Instruments.***
- ★ ***Digital Instruments.***
- ★ ***Voltage Stabilizers.***



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Paint Testing Inst. (New Addition)	36	Refractometers (various Types)	23, 24	Servo Stabilizer	9
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SS Trays	34	Tray Drier	11	Willy Mill (Grinder)	2
Stereoscopic Microscope	13	Trinocular Microscope	13	Wind Vane	32
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- KI 101** **Vaccum Rotary Evaporator** (BUCHI type) all Glass, Cap. 1 Lt. Variable speed with Accessories including Quick Action Jack but without Micro Attachment ☹
- KI 101 (a)** **Vaccum Rotary Evaporator** Specs. same as above but with Temp. Controlled Water Bath (Double walled) ☹ Cap. 1 Lt.
- KI 101 (b)** — do — Cap. 3 Lt.
- KI 101 (c)** — do — Cap. 5 Lt.
- KI 102** **Vaccum Rotary Evaporator** with Motorised Lifting, Digital RPM indicator and water bath fitted with Digital temp. controller. ☹
- KI 102 (a)** **Table Top Chiller (Circulator)** : Double walled, outer body made of MS duly powder coated, inner made of SS. It is fitted with CFC free Refrigeration system. Temp. Range: -10°C to + 100°C controlled with Digital Temp. controller. Chiller is also fitted with circulation pump for external circulation. Cap. 10-15 Lts ☹
- KI 102 (b)** Same as above but outer also made of SS
- KI 103** **Spare Accessories for KI 101 & 102:**
- (1) Micro attachment for item No. 101
 - (2) Condenser made from Borosil Glass double coiled
 - (3) Rotation Flask of Borosil Glass 1lt. with standard socket
 - (4) Collection Flask with spherical S-35 joint
 - (5) Rotor Corning Glass B-29 or B-24 or B-29
 - (6) Clip for holding Ball jointed Flask S-35
 - (7) Clip for holding B-29 Flask
 - (8) Digital RPM Meter
- KI 104** **Laboratory Jack** with load Platform 20x15 cm. or 20x20 cm. closed height 10 cm. open height 20 cm. adjustable at any height
- KI 104 (a)** —do— but size 10x15 cm.
- KI 105 (a)** **Vaccum Pump Single stage** mounted on a CI Base Plate, coupled to Fractional H.P. Motor, V-belt driven, fitted with Belt guard, Ultimate vacuum of 0.01 mm. Hg- Column Free Air Displacement

- | | | |
|-----|----------------------|------|
| (a) | 25 litres H.P.Motor | 0.25 |
| (b) | 50 litres H.P.Motor | 0.25 |
| (c) | 75 litres H.P.Motor | 0.33 |
| (d) | 100 litres H.P.Motor | 0.50 |
| (e) | 150 litres H.P.Motor | 0.50 |
| (f) | 200 litres H.P.Motor | 0.50 |
| (g) | 300 litres H.P.Motor | 1.00 |
| (h) | 500 litres H.P.Motor | 1.50 |

- KI 105 (b)** **Vaccum Pump Double Stage** Specs. same as KI 105 (a) but Ultimate Vaccum 0.005 mm.Hg-Column Air Displacement

- | | | |
|-----|--------------------|------|
| (a) | 25 Lit. H.P.Motor | 0.25 |
| (b) | 50 Lit. H.P.Motor | 0.25 |
| (c) | 75 Lit. H.P.Motor | 0.33 |
| (d) | 100 Lit. H.P.Motor | 0.50 |
| (e) | 150 Lit. H.P.Motor | 1.00 |
| (f) | 200 Lit. H.P.Motor | 1.00 |
| (g) | 300 Lit. H.P.Motor | 1.50 |
| (h) | 500 Lit. H.P.Motor | 2.00 |

- KI 106 (a)** **Vaccum cum Pressure Pump** 35 Lt.(Monoblock)
- KI 106 (b)** **Vaccum cum Pressure Pump** 75 Lit.
- KI 106 (c)** **Vaccum Pump Oil Free Diaphragm Type Single Head 25Lt/min. with Moisture Trap Double Head 45 Lt/min. Double Head 75 Lt/min.**

- KI 106 (d)** **Accessories for vacuum pumps:**
- (a) Vaccum Pressure Guage (2.5" dial type) with adopter
 - (b) Vaccuscope with Mercury 1 mm to .001 mm (McLeod Guage)
 - (c) Air Blast
 - (d) Non return valve
 - (e) Vaccum Guage/Pressure guage with regulator
 - (f) Moisture Trap



- (g) Vacuum Oil High Grade (Per Lt.)
 (h) Silicon High Vacuum Grease Metroark 50Gm.Tube
- KI 107 Leak Test Apparatus:** Complete with Vacuum Dessicator made of Polycarbonate, oil free vacuum pump, vacuum gauge and regulator.
- (a) Dessicator size 250 mm Open type
 (b) Dessicator size 250 mm Closed type
 (c) Dessicator size 300 mm Open type
 (d) Dessicator size 300 mm Closed type
- KI 108 Ultrasonic Cleaner:** With builtin Generator & Solid state Circuitry Unique auto tuning feature, 30/40 KHz frequency for effective cleaning & low noise level. Fitted with Deep drawn tanks of SS. Fitted with thermostatically controlled heater. Outer & inner made of SS. ☺
- | | | | | | |
|--------------------------|---|---|---|----|----|
| Capacity(in Lt): | 3 | 6 | 9 | 12 | 15 |
|--------------------------|---|---|---|----|----|
- Optional accessories:**
- (i) Digital Temp.indicator cum controller
 (ii) Digital Timer upto 99 Min.
 (iii) Basket for Ultrasonic cleaner
- | | |
|-------------|--|
| Cap. 3 Lt. | |
| Cap. 6 Lt. | |
| Cap. 9 Lt. | |
| Cap. 12 Lt. | |
| Cap. 15 Lt. | |
- KI 109 Electric Agate Pestle & Mortar (Fisher Type):**
 The Grinding vessel and mortar are covered by Acrylic cover fitted with fractional motor, detachable turn table and 0-60 min. timer.
- (a) Size : 7.5 cm dia. with Timer
 (b) Size : 10 cm dia. with Timer
- KI 109 (a) Spare Agate Pestle & Mortar**
- | | | | | |
|-------|--------|--------|--------|--------|
| Dia : | 50 mm | 60 mm | 75 mm | 87 mm |
| Dia : | 100 mm | 112 mm | 125 mm | 150 mm |

- KI 110 Willy Grinder or Lab. Willy Mill:** Chamber fitted with hopper duly covered. Complete with 3 delivery SS sieves, plexi glass plate for observation during operation & L-N Key. ☺
 40x25 mm with 1/4 H.P. Motor, MS chamber & rotor.
- KI 110 (a)** –do– 40x25 mm with Rotor & chamber of S.S.
- KI 111** Same as item No. **KI 110** but with 65 mm (dia.)x25 mm (depth.) MS chamber & rotor.
- KI 111(a)** –do– 65x25 mm with Rotor & chamber of S.S.
- KI 112** Same as item No. **KI 110** but chamber size 100mmx50 mm (M.S.)
- KI 112(a)** –do– but inner chamber & rotor of S.Steel
- KI 113 Heavy Duty Willy Mill** 200 mm (dia.) x 75 mm (Depth) chamber with 1 H.P. Motor & floor stand. MS chamber & rotor. ☺
- KI 113(a)** –do– but inner chamber & rotor of S. Steel
- KI 114 Tissue Grinder** complete with SS Rod with teflon pestle, speed regulator, Electrically Operated with 1/20 H.P. 4000 RPM Motor with Drill Chuck
- | | | | |
|---------------------|----------|-----------|---------|
| Working Cap. | 5/10 ml. | 30/50 ml. | 100 ml. |
|---------------------|----------|-----------|---------|
- KI 115 Teflon Tissue Grinder Hand Operated**
- | | | | |
|---------------------|----------|-----------|---------|
| Working Cap. | 5/10 ml. | 30/50 ml. | 100 ml. |
|---------------------|----------|-----------|---------|
- KI 116 Micro Tissue Homogenizer:** High Speed with 1/10 HP Motor, 10000 RPM (Disintegrators) Virities type with SS shaft with microcutting blades, speed regulator and 3 Flasks of cap. 25/50/100 ml, or 5 to 25 ml.
- KI 117 Micro Tissue Homogenizer:** With S.Steel cups 100, 250, 500 ml. with 1/4 H.P. Motor, 15000 RPM variable speed, having Aerosol assembly of SS which eliminates the hazard of dangerous aerosol homogenizing procedure.
- KI 118 V.D.R.L./Elisa Plate Rotator** Platform size 12"x12" with Timer Fixed Speed ☺
 –do– but Variable Speed



- KI 119 Lab Ball Mill** For mixing & grinding, Electrically Operated with F.H.P. motor and SS balls, Jar made of aluminium, Ⓢ
- (i) Cap. of Jar 1 Kg.
 - (ii) ---do---but 2 Kg.
 - (iii) ---do---but 5 Kg.
- KI 119(a)** (i) Specifications same as KI 119 but with SS Jar 1 Kg.
- (ii) 2 Kg.
 - (iii) 5 Kg.
 - (iv) 10 Kg.
- KI 120 (a) Rocker Shaker** variable speed with Timer 12" x 16" Ⓢ
- (b) -----do----- 12" x 12"
- KI 121 (a) Three bench Sterility test unit for 47mmdia, made of SS 316**
- (b) Six bench Sterility test unit for 47mm dia, made of SS 316**
- KI 122 Laboratory Emulsifier :** with 1/20 H.P. Motor & Speed Regulator Ⓢ
- KI 123 (a) Emulsifier:** Homogenizer with heavy duty 1/4 H.P. Motor
- (b) -do- with 1/2 H.P. Motor Ⓢ
- KI 124 (a) Waring Blender (Grinding Machine)** Braun Type Cap.1 Lit.
- (b) -do- but fitted with Timer Switch up to 1 hour
- KI 125 Shaking Machine Wagner's For Bottles/Flasks:** Shaking frame mounted on spindle with pulley for power drive and spindle is supported on ball bearings mounted on heavy metallic base, fitted Ⓢ with 1/4 H.P. motor, Speed 60 to 75 RPM.
- (a) 6 Bottles of 500ml/1 Lt. in 2 Rows
 - (b) 12 Bottles of 500ml/1 Lt. in 2 Rows
- KI 126 Shaking Machine (Wrist Action):** Rugged construction with two side arms for holding flasks of cap 125ml to 1000 ml. fitted with F.H.P. motor, variable speed, cord & plug to work on 220 V, 50 Hz. Ⓢ
- (a) For 4 Flasks
 - (b) For 8 Flasks
- KI 126 (c) Timer (German)** for above 0-60 minutes
- KI 126 (d) Spare Top** Platform for wrist action shaker to hold 4 flasks/Bottle

- KI 127 Rotary Shaker Horizontal Table Top Model** having platform fitted with Neoprene rubber discs to hold flasks. Platform mounted on ball bearing crank shaft to give an orbital motion. Ⓢ
- The Entire assembly is mounted on a heavy Angle iron frame which houses a motor coupled by means of V belt with pitch pulley. Suitable to work on 220V, AC
- (a) Platform size 30x30 cm made of MS complete with DC motor & variable speed for 9 flasks of 250 ml.
 - (b) Platform size 45x45 cm with variable speed for 16 flasks of 250 ml.
 - (c) Platform size 65x65 cm with 1/4 H.P. Motor with variable Speed for 16 Flasks of 500/1000 ml. or 25 Flasks of 250 ml.
- KI 128 (a)** Platform size 100x100 cm Variable Speed for 49 flasks of 100/250 ml. or 25 flasks of 500 ml. or 16 flasks of 1000 ml.
- (b) ---do--- but with SS platform & Lotus clamps
- KI 129(a)** -do- Heavy Duty Platform size 120x120 cm Variable Speed with 1 H.P. DC Motor for 81 flasks of 100 ml. or 64 flasks of 250 ml. or 36 flasks of 500 ml. or 25 flasks of 1000 ml.
- (b) ---do--- but with SS platform & Lotus clamps
- KI 130 (a) Rotary Shaker Horizontal** Platform size 150x150 cm with 2 H.P. DC Motor for 120 flasks of 100 ml., or 81 flasks of 250 ml. or 64 flasks of 500 ml., or 49 flasks of 1000 ml. Ⓢ
- Variable Speed
- (b) ---do--- but with SS platform & Lotus clamps
- Optional Accessories :**
- KI 130 (a)** Extra platform size 45x45 cm
 Extra platform size 60x60 cm
 Extra platform size 100x100 cm
 Extra platform size 150x150 cm
- (b) Digital RPM Indicator
 - (c) Digital Timer



- KI 131 (a) Shaking Machine Kahn:** It is used for shaking Racks, bottles/flasks of different capacity Suitable to work on 220V, AC & covered body 20"x13"x4" with DC motor & Dimmerstat for variable speed ☺
- KI 131 (b) Shaking Machine Kahn:** Platform size 31"x17"x3" variable speed & covered body with DC Motor ☺
- (c) Shaking Machine Kahn:** Platform size 36"x18"x4" variable speed & covered body with DC Motor ☺
- KI 132 Hybridisation Oven:** Outer made of MS and inner made of SS. Fitted with glass window. Variable speed: 4-20RPM. Temp. Range: Ambient to 70 °C controlled with Digital Temp. controller. Suitable to hold 6 bottles of 200 x 65 mm or 24 tubes of 5 ml. ☺
- Optional :**
Digital RPM Indicator
- KI 133 (a) Sieve Shaker Gyrotory:** It carries 7 sieves of 8" dia, Electrically operated fitted with 1/4 H.P. motor. It provides Gyrotory motion. ☺
- (b) Specifications same as above but** for 12" dia sieves
- KI 134 (a) Rotap Sieve Shaker:** Specifications same as KI 133 but in addition to gyrotory motion, tapping motion is also provided with a hammer from the top. Suitable for 8" dia sieves ☺
- KI 134 (b) Sieve Shaker Table top:** Variable speed suitable for 8" Sieves
- KI 134 (c) Sieve Shaker Table top:** Variable speed suitable for 12" Sieves
- KI 135 (a) Wet Sieve Shaker:** It is used to carryout wet analysis of material. Complete with 1/4 H.P. motor, holder to carry 7 sieves of 8" dia. Electrically operated suitable to work on 220V, AC.
- Single Set**
Double Set
Four Set
- (b) Timer** for item No.KI 133, 134 if required at extra cost of
- (c) Spare Timer** fitted in steel cabinet 0-60 minutes for above
- (d) Spare Regulator** fitted with steel cabinet, indicator, cord and plug
- (e) Adapter** for 12" Dia Sieves

- KI 136 (a) Test Sieves** 8" Dia Brass Jointless frame, BSS/ASTM/I.S.S.
6-100 SS mesh (any size)
- | | | | |
|----------|--------------|--------------|---------|
| 120 mesh | 140/150 mesh | 170 mesh | |
| 200 mesh | 230/240 mesh | 270/300 mesh | |
| 325 mesh | 350 mesh | 380/400 mesh | 500 BSS |

Lid & Pan

- KI 136(b) Test Sieves** 12" Dia Brass Jointless frame, BSS/ASTM/I.S.S.
6-100 SS mesh (any size)
- | | | | |
|----------|--------------|--------------|---------|
| 120 mesh | 140/150 mesh | 170 mesh | |
| 200 mesh | 230/240 mesh | 270/300 mesh | |
| 325 mesh | 350 mesh | 380/400 mesh | 500 BSS |

Lid & Pan

- KI 136 (c) Test Sieve** for course aggregate 30 cm dia. GI frame, any mesh size
- KI 136 (d) Test Sieve** for course aggregate 45 cm dia. GI frame, any mesh size
- KI 136 (e) Lid & Pan GI 30 cm**
- KI 136 (f) Lid & Pan GI 45 cm**
- KI 137 Magnetic Stirrer with Hot Plate with** S.S. Top & teflon stirring paddles. ☺
- | | | | |
|---------------|----------|----------|---------|
| Cap.10 litres | 5 litres | 2 litres | 1 litre |
|---------------|----------|----------|---------|
- KI 138 Magnetic Stirrer without Hot Plate** with S.S.Top & teflon stirring paddles. ☺
- | | | | |
|---------------|----------|----------|---------|
| Cap.10 litres | 5 litres | 2 litres | 1 litre |
|---------------|----------|----------|---------|
- KI 139 TeflonStirringPaddles** for above size
- | | | | |
|------|----|------|----|
| 0.5" | 1" | 1.5" | 2" |
|------|----|------|----|



- KI 140 Multi magnetic Stirrer with Hot plate with S.S. Top** ☺
- 2 Stirrers of Capacity 2 litres
 - 4 Stirrers of Capacity 2 litres
 - 6 Stirrers of Capacity 2 litres
- KI 141 Vortex Mixer (Test Tube Mixer)** with variable speed ☺
- KI 141 (a) Vortex Mixer** but having touch on/off switch ☺
- KI 141 (b) Vortex Mixer** with rectangular platform for tubes & vials along with attachment of test tube shaking ☺
- KI 142 (a) Laboratory Stirrer Heavy Duty:** Unit is mounted on a heavy CI base fitted with SS stirring rod, 1/20 H.P.Motor & Speed Regulator. Max Speed: 4000 RPM ☺
- do– but with 1/8 H.P.Motor ☺
 - Laboratory Stirrer Heavy Duty** with heavy duty and High Speed 1/4 H.P. Remi Motor & with Speed Regulator
 - do –but with 1/2 H.P.Motor
- KI 143 Laboratory Gear Stirrer** with 1/20 H.P.Motor with Auto Transformer, speed Regulator, Drill Chuck & SS stirring rod. ☺
- do– but with 1/8 H.P. Motor
 - do– but with 1/4 H.P. Motor
 - do– but with 1/2 H.P. Motor
- KI 144 Rotamantle :** It is dual facility equipment with Heating mantle and stirring facility. Suitable for R.B. flasks Cap. 500 ml. ☺
- Cap. 1 Lt
 - Cap. 2 Lt.
 - Cap. 5 Lt.
- KI 145 Jar testing (Flocculator) :** With illuminated base having fluorescent tube fitted below translucent plastic plate. It consists of Geared 1/20 H.P. motor, variable speed from 10 to 100 RPM with speed control. Fitted with SS stirring rods, electrically operated suitable to work on 220 V, AC. (Without Glass Beakers) ☺

- with 2 stirrers Cap. 1 Lt./2 Lt.
 - with 4 stirrers Cap. 1 Lt./2 Lt.
 - with 6 stirrers Cap. 1 Lt./2 Lt.
- KI 145 (a)** Digital RPM Indicator for above
- KI 146 (a) Bottle Washing Machine** Fixed Speed
- do–but with variable speed
 - Bottle Washing Machine** with G.I. Sheet Soking Tank size 30"x20"x12" with 2 Brushes & 12 Rinsers with drill chuck & 1/4 H.P. Motor
 - do – size 30"x20"x18"
- KI 146 (e) Bottle Washing Machine** but with S.S. Tank.
Size : 30"x20"x12"
30"x20"x18"
- KI 147 (a) Laboratory Heating Plate:** 8" Dia with sealed element 1 KW, 230 V AC fitted with E.R ☺
- KI 147 (b)** –do– but with S.Steel Top
- KI 148 (a) Laboratory Coil Type Heating Plate** single coil 1.2 KW with 3 point Control Switch ☺
- do – with Energy Regulator
- KI 149 (a) Lab. Heating Plate** Rectangular with Cast Iron Top, Body made of MS duly Powder coated. Temp. upto 350 °C. ☺
- With Thermostate / E.R.**
- | | |
|-------------|--------|
| 25x30x15 cm | 1.2 KW |
| 25x40x15 cm | 1.5 KW |
| 30x45x15 cm | 2.0 KW |
| 45x60x15 cm | 3.0 KW |
- KI 149 (b) Spare Elements for above:**
- | | |
|-------------|--------|
| 25x30x15 cm | 1.2 KW |
| 25x40x15 cm | 1.5 KW |
| 30x45x15 cm | 2.0 KW |
| 45x60x15 cm | 3.0 KW |



- KI 149(c) Digital Temperature indicator cum controller**
- KI 150 Slide Warming Table** with Temp. Control up to 60 degreeC fitted with E.R./ Thermostate S.S. Top ☺
- Size:** 225x300x150 mm
 250x400x150 mm
 300x450x150 mm
 600x 450x150 mm
- KI 151 Dry Bath Incubator:** Fitted with Heating block of 24 holes of 12.7 mm dia Temp. Range: Ambient to 90 °C controlled with Digital Temp. controller and Digital Timer upto 999 minutes.
- KI 152 Heating Mantles: Temp. upto 350°C: with Energy Regulator.**
- | Flask Capacity | Rating Watt |
|----------------|-------------|
| 50/100 ml. | 60 |
| 250/500 ml. | 200 |
| 1000 ml. | 300 |
| 2000 ml | 450 |
| 3000 ml. | 500 |
| 5000 ml. | 600 |
| 10 lit. | 2x500 |
| 20 lit. | 3x600 |
- KI 153 Heating Mantles Multiheater: with Energy Regulator.**
- | Flask Cap. | Watt |
|---------------|-------|
| 50ml. 250ml. | 200 |
| 100ml. 500ml. | 200 |
| 250ml. 1 Lt. | 300 |
| 500ml. 2 Lt. | 450 |
| 500ml. 3 Lt. | 2x250 |
| 1 Lt. 5 Lt. | 2x300 |
- KI 154 Kjedahl Distillation Unit:** It is used for distillation purpose for 300/500 ml. cap. flasks. Complete with condenser and rack. (without Glass Parts & Clamps) Mantle/Hot plate Type fitted with E.R. ☺

Unit of 3 test
 Unit of 6 test

- KI 155 Extraction Heater Soxhlet:** Suitable to heat soxhlet flask of 50-500 ml Main heating unit is provided with two horizontal & two vertical rods with adopters and screw to hold the flasks. (Without Glass Parts & ☺ Clamps) Mantle Type (a) Unit of 3 Test with E.R.
 (b) Unit of 6 Test with E.R.
- KI 156 (a) Kjedahl Digestion Unit:** It has casted heating block to accomodate 40/20/15 Digestion tubes of 75 ml. cap. Temp. controlled by Digital Temp. controller ☺
- KI 156 (b)** Glass Tubes for above 75 ml. 25 mm dia
- KI 156 (c)** Glass Tubes for above 75 ml. 38 mm dia
- KI 156 (d)** Glass Tubes for above 75 ml. 42 mm dia
- KI 157 Kjedahl Digestion Unit** fitted with E.R.Heater/Mantle type (Without Glass Parts & Clamps) ☺
- Unit of 3 test
 Unit of 6 test
- KI 158 Micro Kjedahl Digestion Unit** (without Glass Parts & Clamps) Mantle Type Unit of 6 Test with E.R. ☺
- KI 159 (a) Kjedahl Digestion & Distillation Unit** ☺
- Combined, Mantle Type (without Glass Parts & Clamps)
 Unit for 3 test with E.R.
 Unit for 6 test with E.R.
- KI 159 (b)** Glass Parts & Clamps for 3 tests (Set)
 for 6 tests (Set)
- KI 160 Water Bath Rectangular** (Single Wall Electrical) made of S.Steel
- (a) 25x30x10 cm 6 holes of 7.5 cm dia. ☺
 (b) 30x30x10 cm 9 -do-
 (c) 35x40x10 cm 12 -do-



KI-150



KI-151



KI-152



KI-154



KI-155



KI-159(a)

- KI 161 Water Bath Thermostatically controlled:** Double Walled, Inner chamber and lid made of S.Steel, outer body made of MS duly Powder Coated. Complete with SS concentric rings. Temp. Range: Amb. to 100 °C. (a) 25x30x10 cms. 6 holes 7.5 cms. (b) 30x30x10 cms. 9 holes 7.5 cms. (c) 35x40x10 cms. 12 holes 7.5 cms.
- KI 162 COD Digestion Apparatus:** It contains block heating unit with provision for samples to be digested in 38 mm dia reaction vessel. Temp. Range: Ambient to 150°C controlled with Digital Temp. controller. Provision for 15 samples complete with Glass reaction vessel and air condensers. Fitted with 0-2 Hrs. timer.
- KI 163 Serological Water Bath:** Thermostatically controlled, Double Walled, Inner chamber and lid made of SS, outer body made of MS duly Powder Coated. Temp. Range: Ambient to 100 °C. (a) 30 x 25 x 16 cms. for 2 Racks (b) 32.5 x 30 x 17.5 cms. for 4 Racks (c) 45 x 30 x 17.5 cms. for 6 Racks (d) 60 x 30 x 17.5 cms. for 8 Racks
- KI 164 High Precision Thermostatic Water Bath:** Double Walled inside chamber & lid made of SS, Temp. range ambient to 100°C ± 0.2°C, Temp. controlled with Microprocessor based Digital Temp.controller. Supplied with High speed stirrer having 1/20 HP Motor. Fitted with Glass window. Size of Inner chamber: 430x240x265 mm
- KI 165 High Precision Refrigerated Liquid Bath:** Double Walled, outer made of MS and inner chamber & lid made of SS. Fitted with CFC free Refrigeration system with Kirloskar compressor. Temp. Range: 0 to 100 °C ± 0.2°C controlled with Microprocessor based Digital Temp.controller. Provided with high speed Stirrer with 1/20 H.P. motor for uniformity of the temp.

- KI 166 Optional Accessories for KI 163, KI 164 & KI 165 :-**
 (i) Extra Stirrer of 1/20 H.P. High Speed motor with SS Stiring Motor along with speed Regulator
 (ii) Digital Controller cum Indicator with T/P Action
 (iii) Water Circulation Pump
 (iv) Microprocessor based PID controller with an Acc.± 0.2°C
- KI 167 Water Still Automatic** (for Pyrogen Free Distillation Water) Manesty Type wall mounting Single Walled, made of SS, fitted with kettle element. Electrically operated, suitable to work on 220/230V. (a) S. Steel 2 Lit per Hr. 2 KW (b) S. Steel 4 Lit per Hr. 3 KW (c) S. Steel 6 Lit per Hr. 4.5 KW (d) S. Steel 8 Lit per Hr. 6 KW (e) S. Steel 10 Lit per Hr. 7.5 KW
- KI 168 Distillation Apparatus (Barnstead Pattern):** Table Model S.S. Approx. output, double walled, gap between outer & inner walls is filled with high efficiency mineral wool. With Kettle element Electrically operated, suitable to work on 220/230V.
 1) 3 Lit Per Hr. 2 KW
 2) 4 Lit Per Hr. 3 KW
 3) 6 Lit Per Hr. 4.5 KW
 4) 10 Lit Per Hr. 6 KW
- KI 168 (a) Industrial Type Distillation Apparatus** Heavy Duty with automatic water level cut-off device 20 Lit Per Hr. 13.5 K.W.
- KI 169 Water Still Manesty Type** Double Walled, inside & outside S.Steel. Capacity :
 2 Litre
 4 Litre
 6 Litre
 8 Litre
 10 Litre



KI-161



KI-162



KI-163



KI-164



KI-167



KI-168



KI-168(a)

heating Elements, water level indicator, drain cock, cord & plug. Provided with Neoprene rubber gasket Suitable to operate on single/ three phase 220/440 volts 50 cycles AC supply. Complete with SS Carriage and MS Trolley.

- i) 450 x 450 x 900 mm
- ii) 450 x 600 x 900 mm
- iii) 600 x 600 x 900 mm
- iv) 600 x 600 x 1200 mm
- v) 600 x 600 x 1500 mm
- vi) 600 x 900 x 1500 mm

KI 174 (d) Accessories for Autoclaves :

- (1) Automatic pressure control switch
 - (2) Automatic Water level cut off device Electronic
 - (3) Dial Thermometer
 - (4) 0-60 Minute Timer 'German' Make
 - (5) Neoprene Rubber Gasket Jointless:
- Dia:** 25 cm 30 cm 35 cm 45 cm 55 cm

- (6) Pressure Guage/Compound Guage
- (7) Digital Temperature Indicator
- (8) Digital Pressure controller cum indicator with sensor
- (9) Fully Automatic PLC based Touch panel controller cum Datalogger with 4 Preset Programmes Pressure, Temp. and Time.

KI 175 Automatic Pipette Washer: Made of S.S. Based on Siphon principle. It can accommodate pipettes upto 375 mm length.

KI 176 Cork Boring Machine hand operated with set of 9 Borers

KI 177 (a) Automatic Voltage Stabilizer Input 140-280V Output 200-240 V

KI 177 (b) Automatic Voltage Stabilizer Input 110-290V Output 200-240 V

Capacity

- 0.5 KVA
- 1.0 „
- 2.0 „

- 3.0 „
- 4.0 „
- 5.0 „
- 10.0 „

KI 178 (a) Voltage Stabilizers Servo Control. Voltage range 140-270 V output 230 ± 1%. Operatable on Auto/Manual mode. Unit is uneffected due to frequency variation in input supply.

KI 178 (b) C.V.T. (Constant Voltage Transformer) 180-260 V Output 220 ± 1% Capacity

- 150 W for Fax
- 0.25KVA
- 0.5 „
- 1.0 „
- 2.0 „
- 3.0 „
- 4.0 „
- 5.0 „
- 10.0 „

KI 179 Rectangular Muffle Furnace: Light Weight with ceramic fibre wool insulation in place of refractory bricks. Max.Temp.1000°C, working Temp.950°C. Heating Elements are made of Canthal wire special high Temp. alloy which ensure uniform distribution of heat. Temp. controlled by solid state Digital Temp. Controller. To work on 220/230 V AC

Muffle Size(inside)	Rating
(a) 100 x 100 x 225 mm	1.5 KW
(b) 125 x 125 x 250 mm	3.0 KW
(c) 150 x 150 x 300 mm	3.5 KW
(d) 200 x 200 x 300 mm	5.0 KW



KI-175



KI-176



KI-178(b)



KI-177(a)



KI-178 (a)