

Alol Instruments Pvt Ltd.

F-403, Budhnagar, Near Police Station,
Inderpuri, New Delhi-110012

Ph: +95-9582980804, 7011773836

Email: alolinstruments@gmail.com

Web: www.alolinstruments.com

ALOL

Product Catalogue

Alol Instruments Pvt Ltd

Ph: 09582980804, 09211826811

Email: alolinstruments@gmail.com,



ICM Certification

Certificate of Registration

This is to Certify that the
Quality Management System
of

ALOL INSTRUMENTS PRIVATE LIMITED

F-403, 3rd Floor, Budh Nagar, Inderpuri, New Delhi - 110012, India

Has been independently assessed and is compliant
with the requirements of

ISO 9001 : 2015

This Certificate is applicable to the following products or services ranges :

*Manufacturer of Laboratory & Surgical Equipments, Analytical
Instruments & Deals in Lab Glassware, Chemical & Consumables*

:: Certificate No. :: 121605402

("Further Clarifications regarding the scope of the certificate & the applicability of standard requirements may be obtained by consulting the organization." "This is an accredited certificate sanctioned for issue by ACCREDITATION CONFORMITY BOARD FOR CERTIFICATION BODIES (ACBCB) in accordance with the requirements of ISO/IEC 17021:2011. The Validity of the certificate can be verified by checking the Directory of certificated organization maintained at the ACBCB Website www.acbcb.org")

Date of initial registration	: May 12, 2016	Issue Date	: May 12, 2016
1st Sur. Due Before	: Apr 12, 2017	Done On	:
2nd Due Before	: Apr 12, 2018	Done On	:
Date of Expiry of Certificate	: May 11, 2019		

(Subject to the company maintaining its system to the required standard)

* After Successful Completion of surveillance audit, New certificate shall be issued.

Certification Manager / Tech. Director



ICM Certification (P) Ltd.

638/262, 1st Floor, Taajpur Pahadi, Jaitpur Road, Badarpur, New Delhi-110044, India.

E-mail : info@icmcertification.com / tech@icmcertification.com

*This Certificate is the Property of ICM Certification (P) Ltd. and Shall be Returned Immediately on Request.

www.icmcertification.com

Sr. No. 56283

(A Government of India Enterprise)

S.No. NAR-0000409

Branch Office : CB-326, 2nd Floor, Ring Road, Naraina, New Delhi-110028

Ph : 01164611484

Fax : 01125775166

Email : bonaraina@nsic.co.in Website : www.nsic.co.in

GOVERNMENT PURCHASE ENLISTMENT CERTIFICATE

(Valid From 26/07/2017 to 25/07/2019)

Ref.No NSIC/GP/NAR/2017/54287

Date: 26/07/2017

M/s. Alol Instruments Pvt. Ltd.
F-403, 3rd Floor, Budh Nagar, Near Police Station,
Inderpuri
New Delhi,
DELHI- 110012

Factory Address:
1 .Kh. No. 21/1, Block - E, Gali No. 05, Swaroop
Nagar
New Delhi, DELHI -110012

Name of the Directors

- 1.Sanwar Lal Tiwari
- 2.Rekha Sharma

Constitution of the firm- Private Limited

Enterprise Social Class: GENERAL

GOVERNMENT PURCHASE REGISTRATION NO: NSIC/GP/NAR/2016/0027794

Monetary Limit: ₹ 25 lakhs (₹ Twenty Five Lakh Only)

TURNOVER (Rupees in Lakhs)

Financial Year	Annual Turnover
2015-16	0
2016-17	48.02
Monetary Limit	25

Your name has been registered as a SSI Unit eligible for participation in the **Central Government Store Purchase Programme** as per the **Single Point Registration Scheme** for the following Item(s)/Store (s)/Service(s).

Name of the Store(s)/ Service(s)	Specification(s)	Qualitative Capacity	Quantitative Capacity P.M.P.S.
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"As per List Attached" (11 item only)

Disclaimer:- The purchasing agencies are advised to satisfy themselves with the store details in the certificate while doing the Technical Evaluation stage before placing the tender/order on the units, certified by NSIC.



M/s. Alol Instruments Pvt. Ltd.



"Authenticity of the certificate can be checked through the web portal: www.nsicsonline.com"

एस. के. शंकर

Authorised Signatory

राष्ट्रीय लघु उद्योग निगम लिमिटेड
शाखा कार्यालय सी.बी. 326, इंदौर नजिल,

**AI-101 Atomic Absorption Spectrophotometer**

Double Beam Atomic Absorption Spectrophotometer with Desktop PC, LED 18" Monitor, Keyboard & Mouse

Specification:

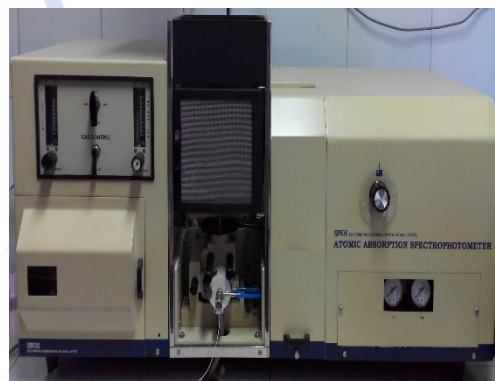
- Eight Hollow Cathode lamp Turret assembly with modulated eight independent power supplies
- 1800 lines/mm holographic grating
- Fully Automatic Gas box with all safety interlock
- Sensitivity: Greater than 0.9 absorbance for 5 ug/ml (ppm) aqueous solution of copper standard with air-acetylene flame.
- Calibration: Automatic calibration using up to maximum 10 standards and recalibration with a single standard.
- Spare parts availability & service support available for more than 10 Years.

**AI-102 Atomic Absorption Spectrophotometer**

Atomic Absorption Spectrophotometer with Desktop PC, LED 18" Monitor, Keyboard & Mouse

Specification:

- Four Hollow Cathode lamp Turret assembly with four independent power supplies
- 1200 lines/mm holographic grating
- Fully safe Gas box with all safety interlock
- Sensitivity: Greater than 0.9 absorbance for 5 ug/ml (ppm) aqueous solution of copper standard with air-acetylene flame.
- Calibration: Automatic calibration using up to maximum 10 standards and recalibration with a single standard.
- Spare parts availability & service support available for more than 10 Years.

**AI-103 AAS Vapour Generation Accessory**

A revolutionary vapor generation accessory offers an extremely sensitive procedure for analysis of As, Bi, Sb, Se, Te, Sn & Hg with flame like precision at parts per billion (ppb) level.

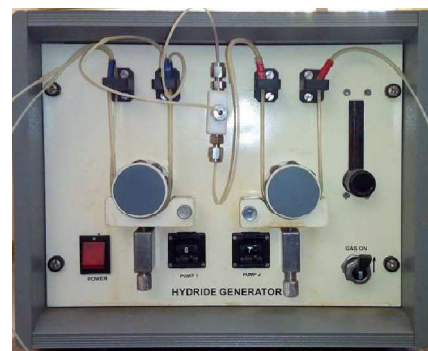
Specification:

Working Range (Detection Limit)

As : 15 ppb

Se: 15 ppb

Hg: 20 ppb



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AI-104 UV-Visible Spectrophotometer

Double Beam UV-Visible Spectrophotometer with Desktop PC, LED 18" Monitor, Keyboard & Mouse

Specification:

- Wavelength range: 190-1100 nm
- Wavelength Accuracy: ± 0.1 nm at D2 peak 656.1 nm; ± 0.3 nm for entire range
- Bandwidth: 1.0 nm
- Light source: Halogen lamp and Deuterium lamp

**AI-105 UV-Vis Spectrophotometer**

Single beam UV-Visible Spectrophotometer having LCD display & RS232 interface facility with computer software CD

Specification:

- Optical System:- Single beam,
- Wavelength Range :- 190-1000 nm
- Bandwidth :-2 nm
- Wavelength Repeatability:- 1.0 nm
- Wavelength Setting:- Manual
- K Factor range:- 0 to 1999
- Photometric Accuracy:- $\pm 0.5\%T$
- Photometric Repeatability :- 0.3%T
- Photometric Range :- -0.3- 1.999 A, 0-200%T
- Stray Light:- $\leq 0.5\%T$ AT 360 nm
- Detector:- Silicon Photodiode
- Light Source :- Tungsten Lamp & D2 Lamp

**Visible Spectrophotometer AI-105Vis**

Spectrophotometer having LCD display & RS232 interface facility with computer software CD

Specification:

- Optical System:- Single beam,
- Wavelength Range :- 340-1000 nm
- Bandwidth :-5 nm
- Wavelength Repeatability:- 1.0 nm
- Wavelength Setting:- Manual
- K Factor range:- 0 to 1999
- Photometric Accuracy:- $\pm 0.5\%T$
- Photometric Repeatability :- 0.3%T
- Photometric Range :- -0.3- 1.999 A, 0-200%T
- Stray Light:- $\leq 0.5\%T$ AT 360 nm
- Detector:- Silicon Photodiode
- Light Source :- Tungsten Lamp



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**AI-106 pH Meter**

Microprocessor based Bench top pH Meter with LED display with 2 point (Optional available 3 & 5 Point) calibration.

Specification:

- Simultaneous display of pH & temp.
- Auto buffer recognition
- Automatic temperature compensation

**AI-107 Conductivity Meter**

Microprocessor based Bench top conductivity meter with LED display

Specification:

- Adjustable temperature coefficient and cell constant.
- Simultaneous display of conductivity & temp.
- Automatic temperature compensation
- Auto ranging

**AI-108 Universal Oven**

Double walled, inner made of thick stainless steel, outer made of heavy duty M. Steel duly powder coated. Insulation between inner and outer wall is done with 75mm thick glass wool to prevent any heat loss. Door is provided with best quality handle, gasket etc.

Specification:

- Temperature range: up to 250 Degree C
- Display & Control: PID controller.
- All three side element
- Inner Chamber: stainless steel

**AI-110 VACUUM OVEN**

Double walled units with outer made of M.S. sheet duly powder painted and inner made of heavy gauge S. Sheet. Gap between the two walls is duly filled with high grade glass wool to avoid thermal loss.

Specification:

- Temperature range: up to 150 Degree C
- accuracy of $\pm 1^{\circ}\text{C}$.
- Display & Control: PID controller.
- All three side element
- Inner Chamber: stainless steel



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**AI-109 Flame photometer**

System for the measurement of alkali and alkaline earth metals (Sodium, Potassium, Calcium and Lithium) in the environmental samples, using the technique of flame photometry, comprising of an aspirator unit, oil free compressor, burner unit, filters and photo detector.

Specification:

- Measuring Range : 0 to 1999
- Elements analyzed : Na , K , Li
- Sodium : Upto 100 units for 10 ppm or less
- Potassium : Upto 100 units for 5 ppm or less
- Accuracy & Reproducibility : Less than + 2%
- Sensitivity: Na , & K , = 0.5 ppm Li = 2 ppm
- Linearity
- Less than + 1% at midpoint with 3 ppm K set at 100
- Display : At least 3 digit LCD
- Detector : Photo conductive cell
- Filters : Metal interference for Sodium, Potassium, and Lithium

**AI-111 AUTOCLAVE HORIZONTAL (TRIPLE WALLED) (CYLINDRICAL)**

Triple walled construction inner chamber is made of high grade stainless steel sheet of SS-304 grade. The outer body is also made of thick stainless steel sheet. The boiler is made of S. Steel. The lid is made of thick steel sheet plate. The unit is duly fitted with highly efficient M.S. Painted Ring & radial locking system duly chrome plated. A three way valve or a multi port Valve made of stainless steel is installed for controlling the sterilization cycle. The pressure is adjustable from 5 psi to 20 psi, pressure is controlled by automatic pressure control switch. Fitted with water level indicator and vacuum breaker. The unit is fitted with temperature gauge, vacuum breaker and steam trap. The whole unit is mounted on a robust tubular stand made of MS duly painted with attractive stove enamel.

**AI-112 MUFFLE FURNACE RECTANGULAR**

Outer made of double walled thick PCRC Sheet duly powder coated painted insulation with high temperature ceramic fiber wool. Heating elements made of Kanthal wire in coil form wrapped on the muffle, embedded in high grade refractory cement and backed by HIGH DENSITY CERAMIC FIBRE BLANKET, which avoids loss of heat. The temperature is controlled by digital temperature indicator cum controller. For the models of Maximum temperature of 1000 C, the working temperature is 900 C and for higher temperature models, the maximum temperature is 1200°C and the working temperature is 1100°C



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AI-113 DEEP FREEZER 'ALOL'

Double walled with inner chamber made of S.S./ Plastic and outer of thick PCRC sheet duly enamel painted. Temperature range from ambient to -20°C is achieved by hermetically sealed compressor. The gap between the inner and outer wall is filled with high grade PUF Insulation to avoid thermal loss. Body is mounted on a sturdy angle iron frame and is mounted on castor wheels. Unit is fitted with Micro Processor Digital Temperature Indicator-cum controller. Horizontal Chest type models are supplied in a single compartment whereas vertical models are supplied with three storing shelves.

**AI-114 AUTOCLAVE VERTICAL**

Based on the principal of saturated steam sterilization. Electrically heated. Used for sterilization of rubber, utensils, Linen, plastic, dressing material, surgical items, glassware, lab wares etc.

Double walled, Inner chamber i.e. boiler made of 16 SWG stainless steel of 304 quality, outer shell is made of thick mild steel duly painted. The boiler and outer shell is provided with air insulation. Lid is made of thick mild steel duly Stainless steel lined and is tightened by Radial locking system. Lid is mounted on a central screw and is provided with best quality joint less neoprene gasket to avoid any risk and trouble free operation.

Indicate the water level inside the boiler.

Pressure gauge, steam release cock, safety valves, spring loaded safety valves etc.

Pressure in between 5 to 22 P.s.i.

Hydraulically tested upto 40 P.s.i, ISI mark heating elements which are easily replaceable and heats the water to desired temperature and pressure. Pressure is indicated by pressure gauge. Supplied complete with stainless steel perforated basket, cord plug to work on 220 V +/- 9% 50 Hz, single phase.

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AI-115 SEED GERMINATOR

Most suitable for conducting various experiments on a variety of seeds under different conditions of temperature and humidity. Atmospheric conditions are created within the chamber to perform different experiments without going onto the field. The double walled unit has inner chamber made up of S.S. and outer chamber of M.S. Sheet duly powder coated. Temperature from 5°C to 50°C \pm 1°C is controlled by DIGITAL TEMP. Indicator-cum-controller. Humidity (NOT ADJUSTABLE) is created in a S.S. water reservoir fitted at the bottom to provide 90% to 95% \pm 3% RH Humidity. Supplied complete with 14 adjustable perforated trays. Complete with cord and plug to work on 220/230 V. A.C. Supply.

**AI-116 B.O.D. INCUBATORS (LOW TEMP.)**

Double walled, inner made of Stainless Steel 304 quality, outer made of thick best quality Mild Steel the surface of which is primer coated for anti rusting and is duly white stoved powder coated paint. Insulation between inner and outer wall is done with 75mm thick glasswool to prevent any heat loss. Inner chamber is provided with 2/3 nos. perforated stainless steel shelves with ribs to adjust the shelves at desirable height. Provided with double door, inner made of thick transparent full view glass and outer door is double walled metallic properly insulated with glass wool and also provided with best quality handle, gasket, lock etc. Provided with door operated illumination lamp. Whole unit is mounted on castor wheels. Temp. Range is from 5°C to 60°C and is controlled by Electronically controlled by Digital temperature Indicator cum Controller with PT-100 sensor. This controller is provided with time delay relay to control the accuracy in maintaining the temperature. Temp. accuracy of \pm 0.5°C. Whole cooling unit is placed below the main chamber in a GI housing. CFC Free, Environment friendly. Heating is done with ISI mark strip type heaters placed near the cooling coils. Air is circulated by 2-nos. ISI mark Silicon binded motors, which are connected to balanced blowers, which operates alternatively and continuously with heating and cooling. Provided with On/Off switch, indicators, Digital Controllers etc.



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AI-117 LAMINAR AIR FLOW CABINET (HORIZONTAL) 'ALOL'

Designed so as to meet the requirements of US Federal Standard 209 B (BS 5295) providing particle free air to meet class 100 (Class conditions. The cabinets are fabricated out of thick board duly sunmica clad interior surface are epoxy painted for its longer life. The work table is made of thick board which is S. Steel clad at top. Side panels are made out of thick transparent plexi glass duly framed. The unit is fitted with pre - filter and HEPA Filter. Air is drawn through pre-filter and is made to pass through highly effective HEPA (High Efficiency Particular Air) filters 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. Using a dynamic machine, the blower and motor assembly is statically and dynamically balanced ISI MARKED Motor of 1/5 H.P. capacity operates with minimum noise level.

The working area is illuminated by fluorescent lighting fitted to the unit. Height of the working table provides comfortable 'SIT DOWN' working position for the operator. To work on 220/230 volts A.C. supply. Supplied complete with S. Steel table top, HEPA filters pre-filter and fluorescent illumination, UV light & Gas Burner.

**AI-118 INDUSTRIAL DRYING OVEN / TRAY DRYER 1.1.-**

Double walled, mounted on sturdy angle iron frame. Inner made of thick G.I./ PCRC Sheet duly painted with high temperature aluminum paint, outer made of heavy duty PCRC duly primer coated and enamel painted. Insulation between inner and outer wall is done with 75mm thick glass wool to prevent any heat loss. Provided with double walled door with a system to prevent its opening. Door is provided with best quality handle, gasket etc. Provided with brackets to support the heavily laden trays at different heights. Temp. range is from ambient to 250°C with an accuracy of + 3°C or as desired by you and is controlled by digital temperature indicator cum controller with PT-10C sensor Heating is done with ISI mark heating elements made from ni-chrome heating wire placed in the sides of the chamber. V belt driven motor operated blower system in the side of the chamber to maintain the uniformity of the temp. throughout the chamber. Works on 220V 50HZ single phase A.C. Provided with exhaust shaft on the top of the body.



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AI-119 AIR CURTAIN ‘

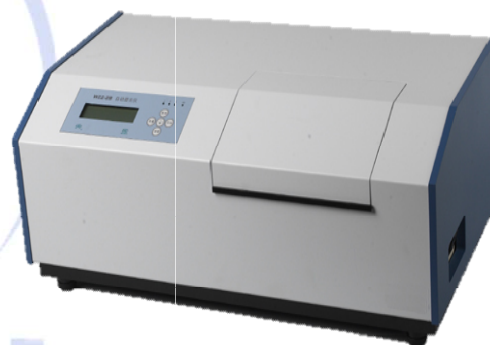
An air Curtain is a modern device which, when installed on a door, forms an invisible curtain of continuous air and thus prevents escape of conditioned air and entry of outside hot, humid, dirty and unwanted polluted air. The cabinets of Air Curtain are made of cold rolled Mild Steels. The blowers are made of high quality aluminum sheets, duly balanced both, statically as well as dynamically on computerised digital balancing machines, designed to provide uniform air with minimum noise and no vibration. All units are thoroughly tested at works and meet the highest standards. The motors used are off continuous rating with sealed ball-bearings. HIGH VELOCITY MODELS (Approx 10 meters/second).

**AI-120 Digital Polarimeter**

Digital polarimeter having optical rotation & sugar degree measurement mode, building auto controlling system with servomechanism.

Specification:

➤ Range: - 45° ~ +45°, - 120° ~ +120° Z

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AI-121 BIOLOGICAL SAFETY CABINET/ SAMPLING BOOTH 'ALOL'

The cabinets are fabricated out of thick board duly sunmica clad. Interior surfaces are epoxy painted for its longer life. The work table is made of Heavy gauge S.S. sheet and is fitted with U.V. Germicidal Light, static pressure Manometer, Exhaust System (suitable for 6 feet duct) and Virus Burn Out Unit. Side panels are made out of thick transparent plexi glass duly framed. The unit is fitted with pre-filter and HEPA Filter. Air is drawn through pre-filter and is made to pass through highly effective HEPA (High Efficiency Particular Air) filters having efficiency retaining all airborne particles of size 0.3 micron and larger. Using a dynamic balancing machine, the blower and motor assembly is statically and dynamically balanced. Motor of 1/4 H.P. capacity operates with minimum noise level. The working area is illuminated by fluorescent lighting fitted to the unit. The height of the working table provides a comfortable "SIT DOWN" working position for the operator. In addition to the above features of a standard Vertical Laminar Flow Bench, the Bio-safe cabinets have arrangements for re-circulating a part of the air thus creating highest level of clean air.

The unit is also convertible to the conventional vertical laminar flow bench with downward air flow by lifting the sliding front door upwards. Air is sucked through the pre-filter and the excess air is thrown out from the top, through a HEPA filter of size 1' x 1' x 6". Supplied with glove ports and gauntlets, HEPA filter, pre-filter, U.V. light and fluorescent light.



SSI -122 REFRIGERATED CIRCULATING WATER BATH 'ALOL'

Outer body is made of thick mild steel sheet duly powder coated painted and inner chamber is made up of 304 grade Stainless Steel. Lid is also double walled properly insulated and is with locking facility. Whole unit is mounted on a sturdy angle iron frame. The cooling coils are brazed to the outer side of S.S. chamber thus ensuring perfect and uniform cooling. Insulation is done with thick glass wool to prevent any heat loss. For attaining the temp. below ambient, the refrigeration is done through CFC FREE hermetically sealed compressor and for attaining the temp. above ambient, heating is done with immersion type heating element. Fitted with stirrer for temperature uniformity throughout the chamber. Temperature range is from 5°C to 90°C is controlled Digital temp. indicator cum controller with an accuracy of $\pm 0.3^{\circ}\text{C}$. To work on 220/230 volts AC supply. The unit is also fitted with a FHP PUMP for circulating the cooled liquid to an external source such as condenser coils, etc.

Chamber Size : 500mm x 250mm x 250mm (W x D x H)



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**AI-123 Centrifuge**

Basic unit with speed regulator, digital speed indicator & 0-60 minutes digital countdown timer with additional features of brushless induction motor with frequency inverter making presetting of speed possible

Specification:

- Step less speed regulator
- Safety lid interlocks to prevent cover opening during centrifugation.
- Digital speed meter and 0-60 minutes digital countdown timer.
- Imbalance detector with cutoff
- Max Speed: 4200 RPM
- Max Cap: 400 ml

**AI-124 Khan Shaking Machine**

Horizontal Reciprocal khan shaking machine having facility for Oscillation 50 to 200 per min, controlled by speed and timer control device, Sample platform made of heavy duty, weightless steel sheet with acid proof provision.

Specification:

- Size basic platform: 38X38 inches
- Sample platform: 38 x 36 inches
- Power .25 HP Motor

**AI-125 Water bath**

Electrically operated, Water Bath is made of thick Stainless Steel and has constant level of water. Complete with concentric rings wire plug, etc. Provided with drainage facility. Concentric rings have the 75 mm dia.



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**AI-126 Sand bath**

Electrically operated, sand bath is made of thick Stainless Steel and has constant level of Sand. Complete with wire plug, etc.

**AI-127 Hot Plate**

The body is made of P.C.R.C. sheet duly powder coated paint. The top cast iron heating plate is round having 20 cm. Dia, with heating elements of 1.5 kw rating. Temperature is controlled by energy regulator upto 350°C.

**AI-128 Stirrer with hot plate**

It has a compact stirring device utilizing a rotating magnetic field (created by a PERMANENT MAGNET) which induces variable speed stirring action. Stirring is accomplished by means of small 14eflon rotor, which when placed in the liquid to be stirred is capable of rotation by magnetic field applied from below the container. The unit is fit with pilot lamp. To work on 220/230 Volts. A.C.

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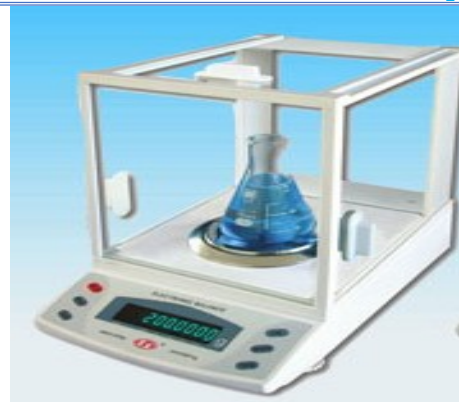
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AI-129 Analytical Balance/ Top Loading Balance

Capacity: 220 gm
Readability: 0.0001 gm (0.1 mg)
With top cover & calibration weight



AI-130 Quartz Double distillation unit

Quartz double distillation units with 5.0 ltr/ hrs capacity.
Vertical type
Conductivity: $<1 \times 10^{-6}$ S/cm
Temp. 750 degree
Complete unit with stand & electrical connection & water level sensor.
Power requirement: 230-250 Volts .



AI-131 Glass distillation unit

All glass double distillation unit with all 2.5 ltr/ hrs capacity.
Complete unit with stand & electrical connection & water level sensor.



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**AI-132 De-ionizer**

Double Bed Deionizer

Unique feature conductivity meter with linear scale operates on AC/DC of 9 volts battery cell. Non Corrosive Regeneration Tank. High capacity cation & Anion exchange resin upflow treatment. Portable metallic stand with wheels. Can directly be connected to tap water. Capacity: 30 ltr/ hrs

**AI-133 Auto analyzer with digestion block (Set)**

KJELDAHL DIGESTION UNIT

It is very useful for estimation of Nitrogen content in the substance by digestion for 300 & 500 ml. Capacity flasks Provided with LEAD FUME DUCT and pair of hangers. To work on 220/230 A.C. Supply.

KJELDAHL DISTILLATION UNIT

This is very useful for distillation purpose for 300ml. And 500ml, 800ml capacity flasks. Provided with condenser rack and clamp. To work on 220/230V A.C. Supply. Complete unit with all glass set

**AI-134 Fume Hood (size: 2' X 4' X4')**

Fabricated out of thick wooden board these are designed so as to throw-out all toxic/ harmful vapours, thus protecting costly instruments and the person working in the lab. Outer is finished with sunmica and inner epoxy painted. Working table top is fitted with acid/alkali resistant tiles/ S.Steel and a small wash basin with connections provided for inlet and outlet of water. The front door moves vertically up and down with concealed counter balanced weight. The unit is fitted with fluorescent light and a gas cock for gas/air supply. The space under the work station can be provided with storage compartments for storage purpose. The front facing panel is fitted with 15/5 Amp socket with switches for exhaust system and fluorescent light. TO WORK ON 220/230 volts A.C. Supply.

**AI-135 Electronics Balance**

Capacity: 220 gm

Readability: 0.001 gm

With top cover & calibration weight



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AI-136 Poly house

Poly House

Structure:- mainly G.I. pipe 38 mm x 38 mm x 47 mm x 47 mm

Door:- G.I. pipe 47 mm x 47 mm size 1.0 m x 2.0 m lockable.

Covering:- U.V. Stabilized poly carbonet sheet 6 mm double wall with aluminum anodized strip and screw.

Shading:- 75% shading net fixed on top of poly house.

Cooling:- by cellulose celdex cooling pad 100 mm thick (imported) pad size 18' x 3' with frame and a 500 lt. P.V.C. water tank to distribute and collect water from pad with ½ HP mono block pump fitting etc. two exhaust fan 36" for circulation of cold air from pad.

Heating:- Heating by heat convectors gerats reputed brand make 04 Nos.

Misting:- Up side down mister (imported) with LPD complete with screen filter, LLDPE pipe P.V.C water tank 1000 Lt. and HD mono block pump with fitting.

Light:- four tube light with fitting inside the poly house.

Controller: Digital temperature controller for fan pad and heaters and electronic timer for misting system.

Electricity:- Complete electric wiring and fitting in green house.

Civil work:- Ploe grouting 20 cm x 20 cm x 30 m below ground level and brick boundary brick wall 60 cm (30 cm in side the ground level and 30 cm above ground level with plaster in both side around the structure.



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AI- 137 Shed net house

Structure:- G.I. Pipe 40mm Thickness 20mm+.5mm, I.S.I marked ,Door ,Angal , Size 6x3 ft. Lockable ,Supporting wire, G.I. 12 Guage.

Covering:- U.V. stabilized fabric net , colour green Shading 75%

Light:- Tube light 36 watt, Phillips our reputed brand 2 Nos.

Misting system:-Up side down micro missting system make dane man Israel our reputed brand with LPD 40 Nos. Each ,LLDPE pipe 16mm, Screen filter jain make our reputed brand, Syntex tank 1000Lt. PVC water tank 1hp MONO block pump Crompton,G.I. pipe fitting&conector 1 Nos.

Sprinkelar System:- Down Side up micro sprinkelar make dane man Israel our reputed brand 20 Nos. LLDP pipe ½ “ withcomletefiting 1 set.

Controller:- Digital Electronic timer misting system automatic

Civil Work:- wall 2ft bellow earth and 2.5 ft above & thickness of the wall 9” both side plaster.

Door:- 3.5ft Door will be fitted with aluminium framing. Pole graunting size 9”x9”x18”, Plinth Protection 2 ½ ft width around net house and 2ft path way in centre the poly house.



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