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Product Description

Description : AGN BOD Incubators are especially useful for determining levels of organic matter and nitrogen in waste water samples. These incubators are also called low temperature incubators. The BOD incubator provides the required temperature for the growth of microorganisms. In microbiology laboratories, it is broadly used for cell culture and fungal growth, BOD test, fermentation, crop and physiology, and various pharmaceutical tests etc.

Trouble Monitor for Self-Diagnostic Function & provided with Key Lock Switch **Technical**

Specification : Function : Programmable 3-step operational function Controller :

Microprocessor Control with a heater PID and compressor Temperature range : -10°C to 50°C

Capacity : 235 Litres Shelves material : P. E coated steel wire, adjustable No. of shelves : 5 Nos.

Compressor : Air circulation fan with Hermetic type Compressor Alarm : Audible and Visual

conditions or the compressor *12-step repeat from 1 - 98 times or unlimited programmed operations and Minimum 10 programs memorized *CFC-free Foamed-in-place Rigid Polyurethane Insulator & Hermetic Compressor *Triple-pane Glass Observation Window plus 15W Fluorescent Lamp *Independent Over-Temp. Protection Device isolated from main circuit *Programmed Memory Backup & Automatic Return Buzzer Switch

Inverted Fluorescence Microscope (AGN-IFM-040)

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Product Description

Specification :-

Nosepiece : 4 position B DIC

Illumination Transmitted : LED 10W

Eyepieces : Encoded 4 position Nosepiece and 10x with FOV 20 mm or FOV 23 and diopter adjustment eyepieces facility on both eyes for brightfield, darkfield, phase contrast and support DIC as well.

Stage : Mechanical XY Stage with specimen holders for Multi-well plate's/Petri dishes/Slides/culture flasks.

Objectives : Suitable for Bright-field /Phase Contrast & Fluorescence imaging.

Magnification : 10x/0.25 PH1 FWD 3-4 mm ; 20x/0.30 PH1 FWD 3.5-4.5mm & 40x/0.40-5.0 FWD 2.0-2.2 mm .

Software : Imaging on PC, bar insert option, Annotation, Shading Correction, Image overlay for Fluorescence & Intensity Measurement. Image enhancement through brightness, contrast, smooth/sharpen, background subtraction, shading correction, white balance.

PC Configuration : Core i5 Processor '3th Gen: RAM 16 GB minimum; 2 TB HDD; 2GB Nvidia Graphic

Card ; minimum Display resolution 1920x1024 or larger. 32-bit; Drive DVD-ROM drive; TFT LED Screen 23 inch Monitor; Multimedia Kit.

OS : Windows 10.

High resolution, pixel size 2.0pm X 2.0pum or 13 mm diagonal .

FROSTLESS ULTRA LOW FREEZER -86

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AGN ENTERPRISES

MANUFACTURER & SUPPLIER
ALL KINDS OF LABORATORY EQUIPMENTS



(VIP) to reduce the frosting on inner doors * Provided with castors for mobility and leveling feet for stability * Two independent, insulated, and removable Achilles board inner doors. * Outer door lock with provision to add an RFID access lock system. * Latch-based Inner doors, not with magnetic closing * Self-diagnosis function to continuously monitor & notify the abnormalities before issues occur. * Protection from accidental setting of control panel * Audible & visual alarm for Compressor temp abnormality, Hi/Lo Temperature, door open, filter clog check, power failure, remote alarm, fan lock, sensor abnormality & part replacement notification * Provided with option to add Liquid Co2 Backup system **Technical Details:-** Type : Upright ultra low Capacity : 700 Liters External Dimensions : 1050 x 900 x 2000 mm(W x D x H) Controller : Microprocessor based Controller Temperature range : -40°C to -86°C. Temperature sensor : Platinum (Pt1000) Freezer Insulation : Polyurethane Foam (PUF) & Vacuum Insulation Panel (VIP) Door : Two VIP Insulated Inner doors No. of compartments : 4 Cooling System : Cascade cooling system Energy consumption : 8 kWh/day at -80°C ambient of 30°C Display : Touch panel LCD Port : USB port (Strip type temperature recorder) Locking system : Key screen lock Alarm : Audible & visual alarms Access port : 3 access ports Noise level : ≤ 52 db Certification : BIS/FDA (US) /CE(Europe) & ISO 9001 & 14001 certified Power requirement : 220-240 V; 50/60 Hz Rack material : Stainless steel racks **Accessories :-** - Servo stabilizer - Instruction Manual - Warranty Card

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Product Description

It is highly used in chemical industries, pharmaceutical industries and also higher learning institution

Features • Digital LCD display of both rotation speed and heating temperature allows for optimal control of all distillation processes • Automatic motor lift releases the evaporating flask to a safe position in case of power failure • 5L heating bath with wide temperature range from room temperature to 180°C Water/oil heating mode can be changed only through a switch • Overheating protection temperature at 220°C • Boil-dry protection, automatically power off if heating without water/oil in the heating bath • Speed range from 20 to 280rpm, and interval operation in clockwise and anticlockwise directions for drying process • Condenser (cooling surface 1700cm²) with excellent cooling effect • Ejection mechanism ensures easy removal of evaporating flask • Double spring sealing ring made of PTFE provides an excellent sealing performance • Optional glassware with explosion proof film available

Specification : Evaporating Flask Volume : 50-5000mL(Optional Thickened glass axis compatible with 5L evaporating flask) Motor Type : Brushless DC motor Speed Range : 20-280rpm Display : LCD(speed, temperature, time) Direction of Rotation : Clockwise and

Relative Humidity : 80%RH Protection Class : IP20 USB Interface : Yes voltage/Frequency : 200-240V, 50/60Hz Power : 1500W **Optional Add-ons (Seals and other Accessories)** : vacuum seal PTFE+Viton Evaporation bottle spring Evaporation flask clip(red) NS29/42 Evaporation flask clip(green) NS24/40 Rotary Evaporator transparent safety shield Flask holder(50mL-1000mL) Flask holder(1L-20L)

ROTARY EVAPORATOR, PUMP AND CONTROLLER (AGN-RE-100)

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Product Description

Specification :- Type : Electronic lift Temperature range : Ambient to 220°C Heating power : 1500W. Operating voltage : 220 – 240 V at 50/60 HZ Display : LCD display Temperature deviation : at 2°C. Rotation speed : adjustment 20 to 280 RPM. **Features :-** - Cordless power supply allows emptying and refilling of water bath without unplugging. - LCD display indicates set and actual values of heating bath temperature, rotation speed, and lift height adjustment. -



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directional communication between heating bath and rotary evaporator **vacuum Pump** :
Operating voltage : 220 – 240 V at 50/60 HZ Membrane Pump : Two stage PTFE with window
heads Flow rate : 1.8 m³/hr. Vacuum : 5 mbar **Vacuum Controller** : Display : Touch screen
Operating mode : Manual, Timer, Continuous, Drying etc. **Features :-** - Rotary knob / button
Allows in both ways - Built in solvent library (extended version: 60 Solvents). - Allows to add and
bookmark individual solvents - Distillation process starts directly after choosing solvent from the
library. - Offers push notifications and live view of all process parameters on mobile devices. -
All process are graphically displayed to facilitate the supervision of distillation - Data recording
Set for further analysis and traceability purpose. - Enables to record all process parameters
continuously **Accessories :-** - Cord & plug - Warranty Card - Instruction Manual



repeat from 1 - 98 times or unlimited programmed operations and Minimum 10 programs memorized * CFC-free Foamed-in-place Rigid Polyurethane Insulator & Hermetic Compressor * Triple-pane Glass Observation Window plus 15W Fluorescent Lamp * Independent Over-Temp. Protection Device isolated from main circuit * Programmed Memory Backup & Automatic Return Buzzer Switch

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Product Description

AGN-109 AGN BOD Incubators are especially useful for determining levels of organic matter and nitrogen in waste water samples. These incubators are also called low temperature incubators. The BOD incubator provides the required temperature for the growth of microorganisms. In microbiology laboratories, it is broadly used for cell culture and fungal growth, BOD test, fermentation, crop and physiology, and various pharmaceutical tests etc. Trouble Monitor for Self-Diagnostic Function & provided with Key Lock Switch. **Features :-** * Feed forward function to input the operating conditions of the compressor * 12-step repeat from 1 - 98 times or unlimited programmed operations and Minimum 10 programs memorized * CFC-free Foamed-in-place Rigid Polyurethane Insulator & Hermetic Compressor * Triple-pane Glass Observation Window plus 15W Fluorescent Lamp * Independent Over-Temp. Protection Device isolated from main circuit * Programmed Memory Backup & Automatic Return Buzzer Switch

Technical Specification Function : Programmable 3-step operational function Controller :

±0.5 deg. Exterior FINISH : Baked acrylic finish on galvanized steel interior finish : Stainless steel
Door : Baked acrylic finish on galvanized steel triple-pane glass

ROTARY VACUUM EVAPORATOR WITH RECIRCULATING CHILLER AND VACUUM PUMP

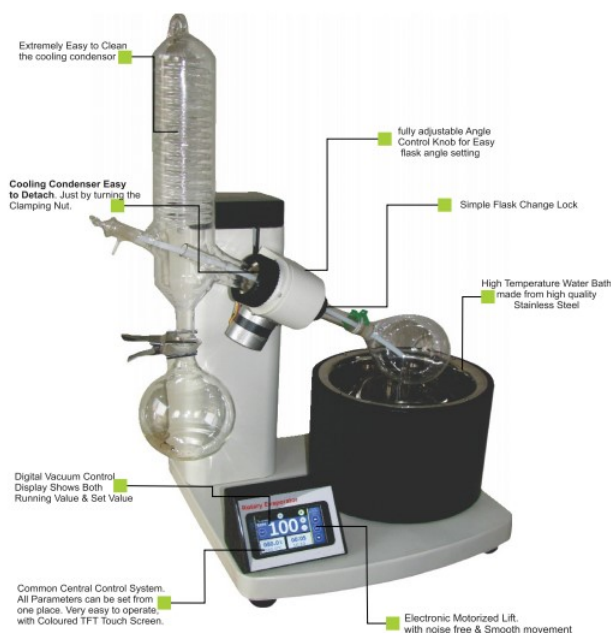
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Product Description

TECHNICAL SPECIFICATIONS The system include a motorized lift/handle with non-slip feature censoring safety by preventing scalding from the bath liquid. Rotary vacuum evaporator equipped with a 3.5-inch Digital LCD display for the heating bath. Vertical condenser with surface area 1400 cm². Motorized lift/hand lift capable of reaching 155 mm or more. Better Metal base Heating bath supported. Detachable panel with optional extension cable Standby button to halt all functions and elevate the evaporating flask from the heating bath. A heating bath with a diameter of 255mm, ± 5mm, and a volume capacity of 4.5 L, capable of reaching temperatures up to 200 °C & Secondary temperature cutoff 250 °C. Equipped with a drain port for removing hot water or oil to prevent splashes and scalding. Receiving flask capacity one liter fitted with a ball joint. The temperature control for the heating bath provided be electronic/digital. Clamping sleeves for easy removal of vapor tube to avoid breakage. Vapour tube with sleeve for easy removal and cleaning. Splash water and dust protected detachable

condenser. Equipped with a rotation speed indicator controlled electronically with LED display. Brushless DC motor with electronic speed control. Sample flask capacity Provided be 50 ml to 5 lts. Dimensions with glassware set 740 X 490 X 850mm (W X DX ± 10 mm. The system must be new and not refurbished. Easy-Clip mechanism for convenient attachment, a clamping sleeve, and easy removal of both the vapor duct and evaporation flask. **CIRCULATING WATER CHILLER AND VACUUM PUMP** LINK ATTACHED BELOW [BROCHURE](#)

Xenon Lamp

SpeciFication : LED Xenon White Xenon Lamps with holder and power supply Power: 300 Watt Easy to set and gives accurate wave form Warranty: 500 Hour wattage

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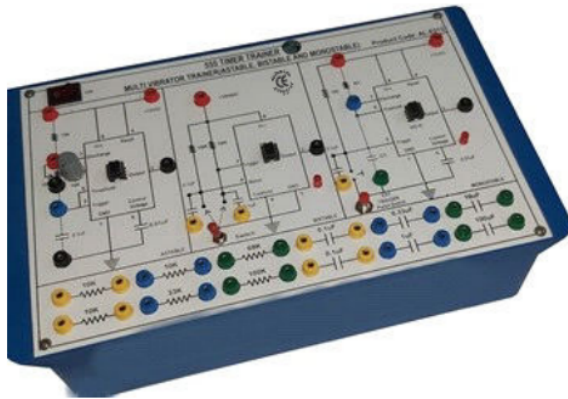
Price:

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Categories: [Physics](#)



Product Description



AGN-007A Description : 555 Timer as Astable Multivibrator Apparatus has been designed to study the Wave Shape and Frequency produced by Astable Multivibrator. IC 555 placed inside the cabinet & connections brought out at sockets. DC regulated power supply of 5V. Various resistances & capacitors connected inside the cabinet & connections brought out at the sockets.

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Categories: [Physics](#)

Product Description

Special Diode

AGN-067 Description : This apparatus is designed for studying the properties of tunnel diodes in electronic circuits. It provides a user-friendly interface and intuitive controls for the measurement and analysis of V-I characteristics, and for the construction and prediction of reliable results. Includes detailed user guides through various applications. Ideal for a hands-on learning experience. Output 1.5 to 12V in 0.5V steps. Resistor Module (22k to 1M) Resistor Module 1 k to 10M Plug-In Board Easy to use



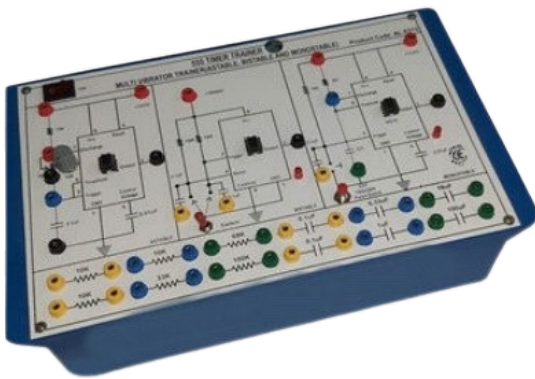
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Categories: [Physics](#)

Product Description

IC 555 Trainer Kit



AGN-012 Components are mounted on the panels are: Passive Components are mounted on board behind the panels are RESISTANCE CAPACITORS IC Ne555

VARIABLE RESISTOR 10K PULSAR SWITCH SALIENT FEATURES: Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols. Fuse for Short Circuit protection Instruction manual. Connections are brought out through 2mm Colored Sockets. Patch Cords 2mm.

Specification : DC regulated power supply of 5V IC 555 placed inside the cabinet & connections brought out at sockets Various resistance and Capacitors connected inside the cabinet and connections brought out at the sockets.

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Product Description



with well printed circuits and symbols. Fuse for Short Circuit protection Instruction manual. Connections are brought out through 4mm Colored Sockets. Patch Cords 4mm. **Speciication** : Digital Multimeter: Resistance Range: 200 ohms, 2000 ohms, 20k, 200k & 2000k ohms. D.C. Voltage: 200 & 600 volts. D.C. Current: 200 & 2000 Milli volts, :20, 200 & 600 volts A.C. Voltage: 200 & 600 volts. D.C. Current: 200 & 2000 micro amperes: 20 & 200 milli ampere: 10 ampere Circuit Board, Input/Output Range: 0-750 V DC/0-600V AC AC Output Transformer 9-0-9, Bridge Rectifier Module Capacitor Module 10 uF, Capacitor Module 100 uF, Capacitor Module 1000 uF Diode Module: Flexible Lead Set (25 cm) Flexible Lead Set (50 cm), Resistor Module 330 Resistor Module 1K, LED Module. Regulator Module, Transformer Module Warranty: 01 year

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Product Description