

AND VACUUM PUMP

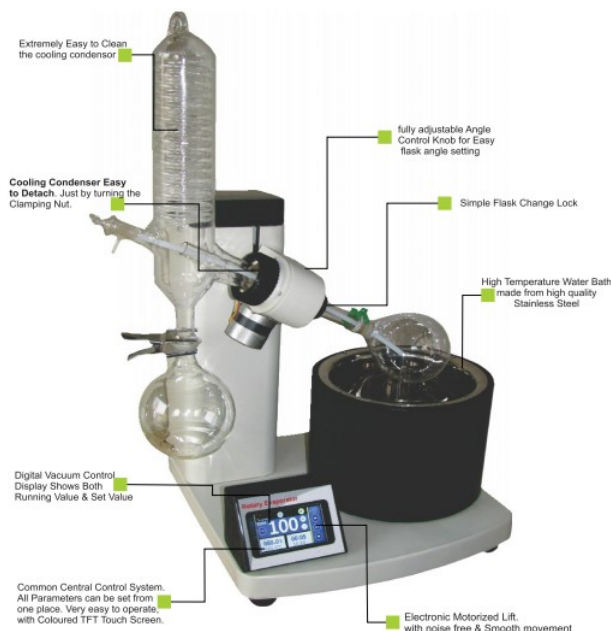
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Product Description

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, ± 5 mm, and a volume capacity of 4.5 L, capable of reaching temperatures up to 200 °C & Secondary temperature cut off 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 panel. Locking facility for set temperature and rotation speed. Construction material for the bath must be stainless steel AISI 316L. Scale of rotation speed 20-270 RPM. It must have a standby function and residual heat warning for heating bath temp. 50 °C. Separate operating knobs for adjusting heating & rotational. Borosilicate Glass Assembly with double coiled 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

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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Product Description

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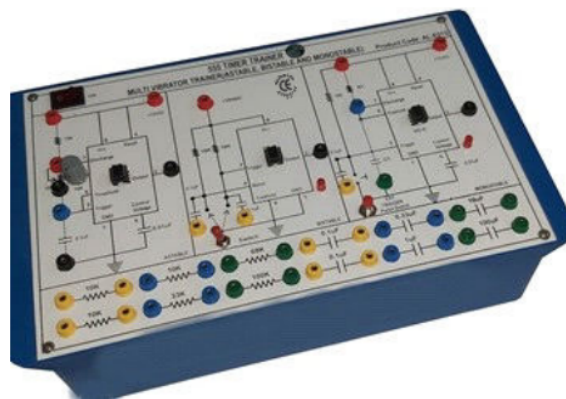
AGN-067A Descri
Multivibrator Appar
the Wave Shape an
Multivibrator. IC 55
connections brough
power supply of 5V
connected inside th
out at the sockets.

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Special Diode (Tunnel Diode)

AGN-067 Description : Comprehensive apparatus for studying the properties and characteristics of tunnel diodes in electronics and physics labs. User-friendly interface and intuitive controls for easy measurement and analysis of V-I characteristics, reverse bias characteristics, and diode resistance. Robust construction and precise circuitry ensure accurate and reliable results. Includes a comprehensive manual that guides users through various experiments and applications. Ideal for educators and students seeking a hands-on learning experience. **Speciication :**

Output 1.5 to 12V in 8 steps, Tunnel Diode Module Resistor Module (22 ohm, 33ohm) (each), Variable Resistor Module 1 KO Digital Voltmeter (0-19.99V DC), Plug-In Board Easy to use and give accurate results. Scope of Supply: Tunnel Diode Power Supply 5V DC Connecting Leads (red & black) 50 cm (each)

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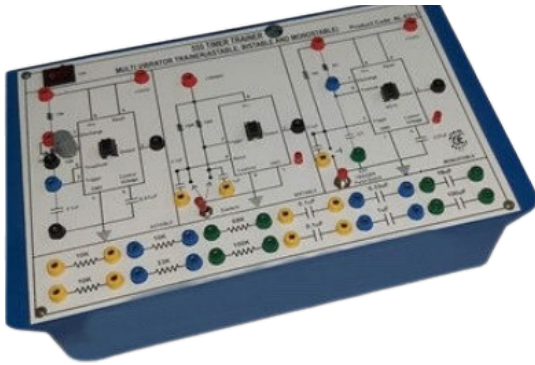
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Product Description





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

Diode Circu

AGN-031A SALIENT

with high class insulated with well printed circuit Circuit protection brought out through Cords 4mm. **Specifi** Resistance Range: 2000k ohms. D.C. V Current: 200 & 200 A.C. Voltage: 200 &



Module 100 μ F, Capacitor Module 1000 μ F 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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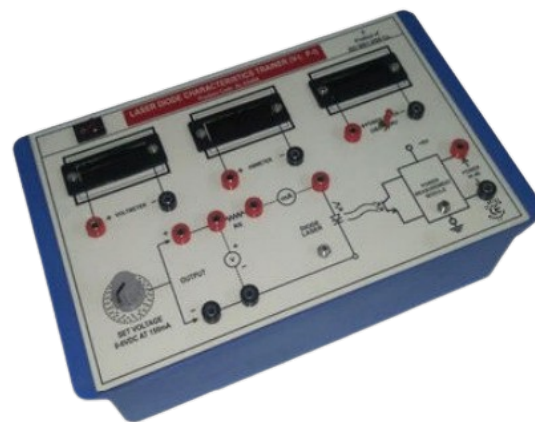
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Product Description



LED and Las

Characteris

AGN-646A SALIEN

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Circuit protection In
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Cords 4mm. The tra
cabinet. Size of the
Digital voltmeter, d
Diode Laser with ho
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year

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Semiconductor Laser Apparatus



AGN-258 Features : Diffraction slits and Set of objects ≥ 10 nos. Big screen to provide clear observation of fringes Pen type diode laser operated by two cells.

Description : very easy to use and simple, most suitable for undergraduate course. The kit briefly covers the fundamentals of Light principle like diffraction, refraction, interference etc. The kit is very handy to use, one can demonstrate all experiments in a Class room. Consist of Laser diode along other Optical Components. Laser light diffraction through transmission grating and calculate its grating pitch. With the help of 13 gratings you can observe Laser Light diffraction through Single Slit, double Slit, & interference of Laser Light when it passes through wire mesh, observation of airy's pattern when passes through pin hole. **Speciication :** Prism Table : SS scale Laser Power : 40mm Warranty : 01 year

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Product Description



AGN-300 Description : Experimental Set-up has been designed specifically for determination of Planck's constant by Vacuum type Photo Cell with three filters. The experimental set-up is absolutely self contained and require no other apparatus. Photo Cell with three filters. Practical experience on this set up carries great educative value for Science and Engineering Students.

Speciication : Scale : Length 400 mm Photocell : Cs is a lamp of vacuum tube with two electrodes (anode, cathode) Light source : Tungsten- halogen 12V/35 W Display mode switch : Displays current or voltage Warranty : 01 year

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Product Description

Digital Gauss

AGN-383 Descript

the principle of the
When a semiconduc
direction is introduc
field a voltage is pro
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the intensity of the
Hall Voltage. This H
calibrated as the m
display : 3 ½ digit &
Hall probe Special f



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Product Description

Constant Current Power Supply



AGN-188 Description : High performance constant current source suitable for small and medium sized electromagnets. The current regulation circuit is IC controlled, thus, resulting in the highest quality of performance. Matched power transistors are used to share the load current. The supply is protected against overload, short circuit and transient caused by the inductive load of the magnet. **Speciication :** Load regulation : 0.1% for load variation from 0 to max Line regulation : 0.1 % for $\pm 110\%$ main variation Current range : 0 to 5A Features : Smoothly adjustable Display : Digital display – 3 ½ digit & segment LED DPM Main Power supply : 220V AC $\pm 10\%$, 50Hz

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Product Description



AGN-000A Salient Features : Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols. Connections are brought out through 2mm Colored Sockets. Patch Cords 2mm. The trainer is housed in ABS Plastic cabinet. Size of the trainer set 14" x 10" Specification : Inbuilt circuit : Uses 8 bit ADC-0809 monolithic C-MOS device with in- built 8 channels Multiplexer. Output indicators : 8 LED's are provide front on the board to digital value of the input analog signal. Input DC voltage ranges : 0 to 5V Voltmeter : Analog/ Digital Complete operation : A/D converter on one setup. Main power supply : 220V AC/ 50 Hz

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