

## AND VACUUM PUMP

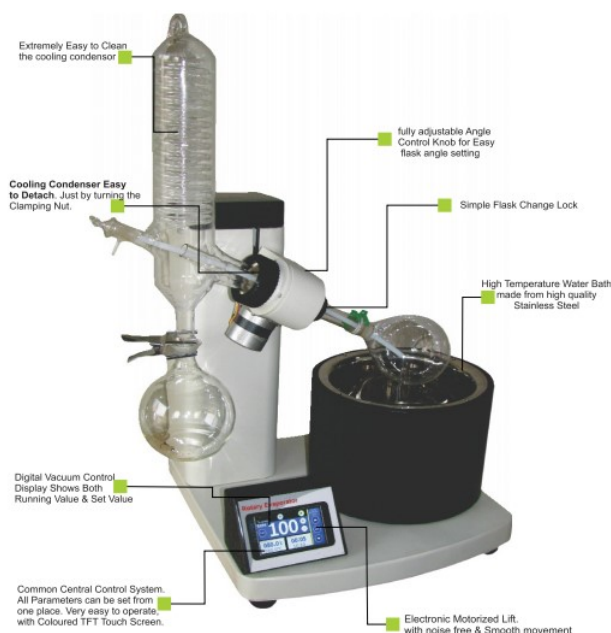
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**Stock:** instock

**Categories:** [Uncategorized](#)



## 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 cm<sup>2</sup>. 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,  $\pm 5$ 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

## Astable and vibrator usi

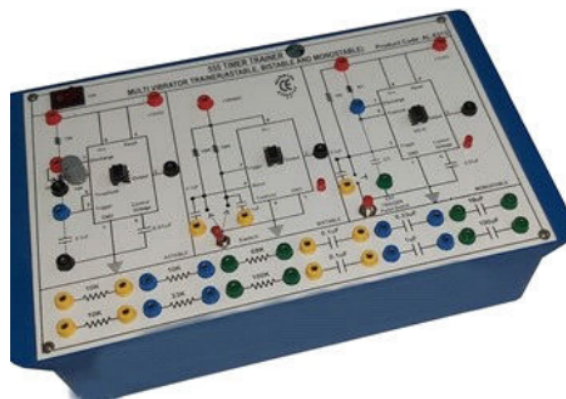
**AGN-067A Descri**  
Multivibrator Appar  
the Wave Shape an  
Multivibrator. IC 55  
connections brough  
power supply of 5V  
connected inside th  
out at the sockets.

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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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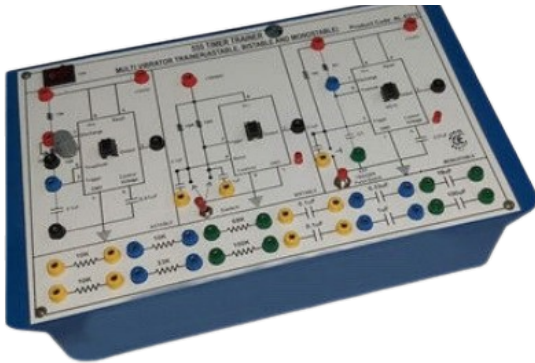
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**Stock:** instock

**Categories:** [Physics](#)

## 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

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with well printed ci  
Circuit protection In  
brought out through  
Cords 4mm. **Speci**  
Resistance Range: :  
2000k ohms. D.C. V  
Current: 200 & 200  
A.C. Voltage: 200 &



Module 100  $\mu$ F, Capacitor Module 1000  $\mu$ 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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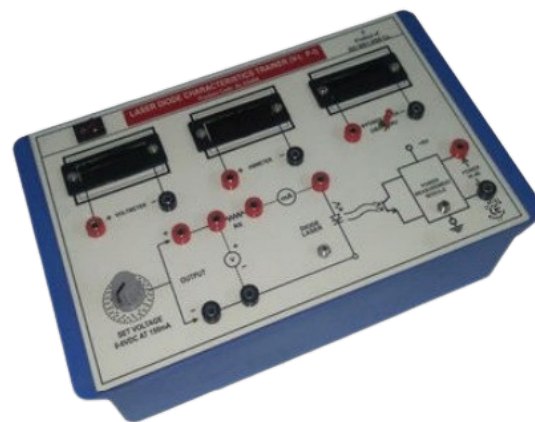
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**Categories:** [Physics](#)

## Product Description



## LED and Las

## Characteris

### AGN-646A SALIEM

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with well printed cir  
Circuit protection In  
brought out through  
Cords 4mm. The tra  
cabinet. Size of the  
Digital voltmeter, d  
Diode Laser with ho  
Equipped with varia  
year

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## Semiconductor Laser Apparatus



**AGN-258** Features : Diffraction slits and Set of objects  $\geq 10$  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  
path. The magnitud  
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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## Product Description