

AGN-646A 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 4mm Colored Sockets. Patch Cords 4mm. The trainer is housed in ABS Plastic cabinet. Size of the trainer set 12"x8" **Specification :** Digital voltmeter, digital milli-ammeter, LEDs (4 nos) Diode Laser with holder, photo detector, bases Equipped with variable power supply Warranty for 01 year

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Product Description

Semiconduc

AGN-258 Features

≥10 nos. Big screen fringes Pen type dic

Description : very suitable for undergrad covers the fundame diffraction, refraction handy to use, one c a Class room. Cons Optical Component transmission gratin



through pin hole. **Specification :** Prism Table : SS
scale Laser Power : 40mm Warranty : 01 year

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Product Description

Plancks Constant by Photoelectric Method



AGN-388 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.

Specification : 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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AGN-383 Description : Digital Gauss meter works on the principle of the Hall Effect in semiconductors. When a semiconductor with current flowing in one direction is introduced perpendicular to a magnetic field a voltage is produced at right angles to the current path. The magnitude of this voltage is proportional to the intensity of the magnetic field. This voltage is called Hall Voltage. This Hall voltage is amplified and calibrated as the magnetic field. **Specification :** Digital display : 3 ½ digit & segment LED DPM Transducer : Hall probe Special features : Indication of direction of the magnetic field Range : 0 -2KG & 0-20KG Resolution : 1G at 0.2 KG range Accuracy : $\pm 5\%$ Main Power supply : 220V AC $\pm 10\%$, 50Hz

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Product Description



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. **Specification :** 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 1/2 digit & segment LED DPM Main Power supply : 220V AC $\pm 10\%$, 50Hz

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Product Description

Analog to Digital Converter Kit



AGN-080A Salient Features: 8-bit class insulated Printed circuit board (PCB) with all components mounted on printed circuits and components connected through 2mm pitch. The trainer is housed in a sturdy metal case. The trainer set 14" x 10" x 1.5". It features an 8 bit ADC-0809 module. It has 8 channels Multiple analog inputs provide front on the panel. It provides analog signal. Input

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Product Description

Optical Fiber Characterization and Transmission



AGN-312B Salient features: 4 Separate transmitter & receiver section. 4 Multimode Fiber cable 2m and 2m PMMA. 4 Single mode fiber cable 5m 4 In line SMA adaptor. 4 Modular approach. 4 High precision digital micro volt metre. 4 Relective index of transparent solids speciication : Digital micrometer : (0-20 mV, 0-200 mV, 0-2000 mV, 0-2 V, L.C. -0.001 mV) Fixed slider : Height more than 100mm, Traversal slider : Height: morethan 20mm, Least count:0.01mm), Two meter PMMA & SPMA Fiber Multimode iber : (Length 2m, aperture 0.5 diameter 1mm) Optical bench : Length:100 cm, Least count: 1mm), Leaser transmitter : Wavelength-650nm, Power:3 mW or equivalent Digital multimeter : Multimode mode ibre module

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Product Description



Fringes of Michelson Interferometer with He-Ne laser.

AGN-228B Principle and Working : When a coherent light beam enters into beam splitter, it is divided into two parts, thus two beams travel in different directions, are relected into each other through two mirrors forming interference patterns when they are combined and superimposed. In the present setup, measuring the wavelength of sodium light or He-Ne laser, using an equation: $\lambda = 2.D/n$ where, D is the total displacement whereas n is the number of intensity maxima counted. **Speciication :** Compensating plate (dimension) : 50x38x7mm Mirrors M1 and M2 : Diameter: 30mm dia, thickness: 10mm Flatness of beam splitter : $\lambda/8$ Laser : He-Ne laser Base dimension : 290x212x168m Beam splitter (dimension) : 50x38x7mm Least count of coarse adjustment knob : 0.01mm

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Product Description



AGN-150A Salient

integrates the sodium light source, polarimeter in one unit. It allows to read the circular scale directly without the scale reading and calculation simultaneously. **Polarimeter** is an instrument used to measure the rotation of the plane of polarization of optically active liquids. It is used to determine the concentration and contents of substances. The plane polarizer produces plane polarized light passes through the sample substance. The plane analyser to the eye. The shadow field can be observed. The optical rotation is measured with a polarimeter.

Integrated Light Source

System: is a complete system associated with the instrument. It has been eliminated. Polarimeter measurement of Optical Specific Rotation of components are made. Aluminum and Stainless Steel and a long trouble-free life with Integrated Light Source. Waveform Capture at least 4X Stabilization. Power line voltage : 220V. optical rotation : $\pm 180^\circ$. count : 0.050 . Magnifying glass : 4 times . Source of light : 5893A0 . Wavelength : 5893A0 . power : 20 W

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Product Description

Digital Oscilloscope

FEATURES & BENEFITS : 200/100/70MHz

Bandwidths 1GSa/s Real Time Sample Rate Trigger mode: Edge, Pulse Width, Video, Slop, Overtime, Alternative trigger etc. Provides software for PC real-time analysis **EASE-OF-USE FEATURES** : Five math functions, +, -, *, /, and FFT functions. 32 automatic measurements and track measurement via cursor automatically. Large (7.0-inch) color display, WVGA(800x480) Support U disk and local files storage. Pass/Fail Function enables to output testing results Built in Bode diagram Assistant.

Waveform Capture Rate : 30,000 wfms/s Vertical Resolution : 8 bits Vertical Scale : 1 mV/div to 10 V/div Bandwidth : 200 MHz Analog Channels : 2 Real Time Sampling : 1 Gsa/sec Time base Scale : 2 ns/div to 50 s/div Display : 7-inch WVGA (800x480) TFT LCD Connectivity : USB Host

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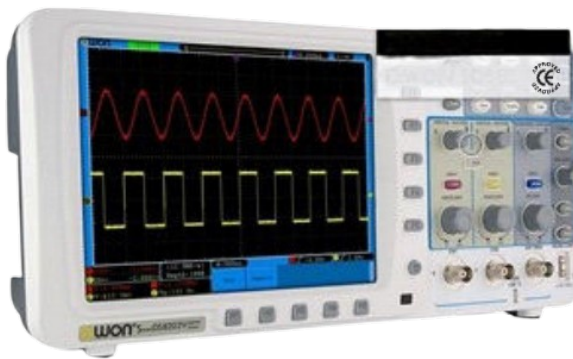
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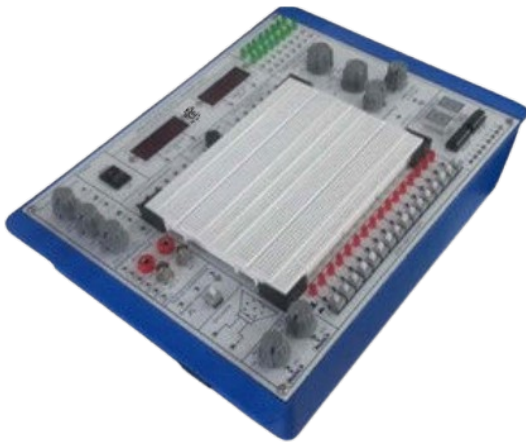
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Product Description





High level, high quality digital-analog trainer includes Two Digital Meters one for 20V Voltmeter and other for 200mA Ammeter Combines all essential functions of analog and digital experiment with removable breadboard, Includes DC power supply function generator, two pulse switches, 8 ohm 0.25W speaker etc. **SPECIFICATIONS** Solder-less, breadboard Interconnected with tie points Nickel plated contact, AC voltages : 12-0-12V Power Supply : Variable DC power supply 0-20V Connection : Connecting socket and wire. Digital voltmeter : 0-20V Digital Ammeter : 0-500mA Two Digital meters : DC 0 to 200uA -1no's 0 to 200mA

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Product Description



FEATURES.

- Less power consumption
- LED Digital Display Temperature Controller
- Highly efficient Longer functional life
- Cleanable & replaceable door magnetic gasket
- Lockable high quality single steel door latch with lock & key
- User friendly design & Easy Setup
- Audio Visual Temperature Alarm for security purpose or power failure

PRODUCT SPECIFICATIONS: MODEL : AGN-LDF-

360L Capacity in liters : 400L Cabinet : Vertical
Cooling/Refrigerant type : Direct/CFC free
Interior/Exterior : Exterior made of high-impact, scratch resistant powder coated and Interior SS chamber
Castors : Heavy duty lockable Ground clearance : 100mm Compartments/Racks : 4 nos.
Temp. Range : -10°C to -25°C increment $\pm 1^\circ\text{C}$ Noise level : 60dB Power Supply : 220/230V at 50Hz **Spares Including:** Power cable and Plug Voltage Stabilizer
Instruction Manual Warranty Certificate

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Product Description

PRODUCT DESCRIPTION: To provide high end range of scientific equipment to the clients, we are engaged in manufacturing and supplying a quality grade H-drive hydrocarbon refrigeration



AGN ENTERPRISES

MANUFACTURER & SUPPLIER
ALL KINDS OF LABORATORY EQUIPMENTS



in different customized models and specifications as per requirements.