



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. **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 µF 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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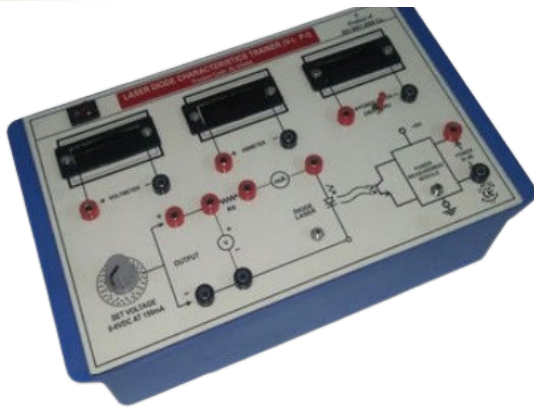
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Product Description



AGN-040A 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 grating With the help of 13



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.

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



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

Constant Current

AGN-188 **Description:** A constant current source suitable for electromagnets. The current is controlled, thus, ensuring good performance. Matched load current share the load current in case of overload, short circuit or inductive load of the circuit. Regulation : 0.1% for



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Product Description

Analog to Digital Signal Convertor Kit



AGN-080A 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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Categories: [Uncategorized](#)

Product Description



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-2200 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 : 290x212x168mm 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 the user to read the circular scale directly from the scale reading and the scale reading and the scale reading simultaneously. **Polarimeter** is an instrument used to measure the rotation of the plane of polarization of light passing through optically active liquids. It is used to determine the concentration and contents of substances. The polarizer produces plane polarized light which passes through the sample substance. The plane of polarization is then analysed by the analyser to the eye. The shadow field can be observed. The angle of rotation is measured with a scale.

Integrated Light Source

System: is a complete system associated with the instrument. It has been eliminated. Polarimeter measurement of Optical Specific Rotation of substances. Components are made of 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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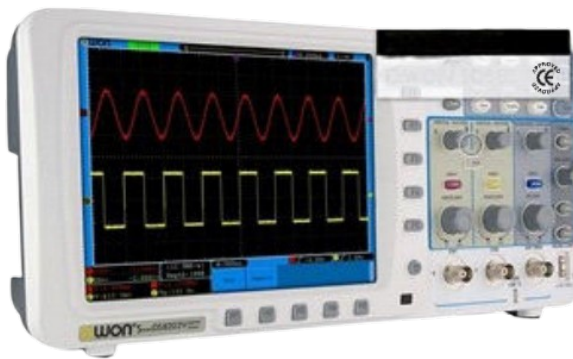
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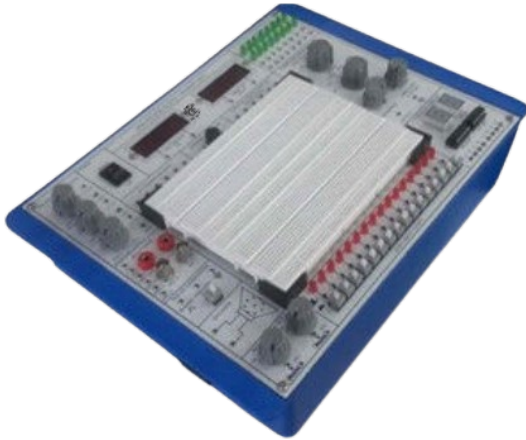
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Product Description





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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