



**SKU:**

**Price:**

**Stock:** instock

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

## Product Description

**Features :-** Display Calorific Value in Calorie/gram or other internationally accepted units. Extensive Diagnostic Function for problem investigation Integrated and closed loop water handling system "auto shut off" of the filling valve after attaining of requisite pressure in the bomb. Automatic compensation of calorific value to get ready made GCV in Cal/gm. or Kcal/Kg. Double stage SS gas regulators with safety valve Branded on line UPS with 60 minutes power back up Laser Printer with all accessories & software and compatible with PC Test Certificate of Gas, Hydro Test Certificate of Cylinder & Filling Penmission Material Producer as per ISO 17034.

**Technical Data :-** Controller : Microprocessor based/PC operated Standard : ASTM: D 5865 & IS 1350 Part II Principle : Isoperibol Calorimetric principle. Power : 220V, 50Hz single phase AC Sample Weight : (0.6 to 1.4) gram CV Range : Upto 8,000 Kcal/Kg for 1 gram of sample. CV Resolution : 0.1 Calorie/gram Precision : 0.05 % RSD on Benzoic acid for GCV Temperature Resolution : 0.0001 degree centigrade Analysis Time : Maximum 15 minutes Balance analysis sample : 0.0001 gram Connecting tube : 2 meter length. Cylinder : Filled Oxygen 47 Litre

**Analytical Balance :-** capacity: 0-220 gram Least Count : 0.1 mg, repeatability: 0.1mg, Automatic internal calibration Display : clear digital display with backlight. **PC** PC : Branded PC for running of the instrument & Laser Printer Make: Pcs Central Processing Unit (CPU) : INTEL Core i-7 Memory: Random Access Memory (RAM): 8 GigaByte , Double Data Rate 3(DDR3) Hard Disk Drive (HDD) : 500 GigaByte (GB) Monitor: 19" Light Emitting Diode (LED) Key Board & Mouse: Universal Serial Bus (USB) optical Ports: 3 Universal Serial Bus (USB) ports Latest

## Theodelite

[Read More](#)

**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)



## Product Description

### TECHNICAL PARAMETERS:

1. 2s accuracy
2. 20' least count
3. 2" angle measurement accuracy

## conducting characteristics of SCR TRIAC IGBT V-I of SCR

[Read More](#)

**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)



### Product Description

#### TECHNICAL PARAMETERS:-

1. A DC Power Supply of 1.5V to 15V/250mA for Gate current/Gate Voltage.
2. A DC Power Supply of 2.5V to 35V/500mA for Load Current.
3. A variable load resistance and gate resistance potentiometers.
4. Consists of an SCR, TRIAC, DIAC IGBT
5. Mains operated.
6. Meter unit with 4 digital meters consists of DC Ammeters 2Nos; 0-2A & 0
7. Screen printed MS panel.



**Price:**

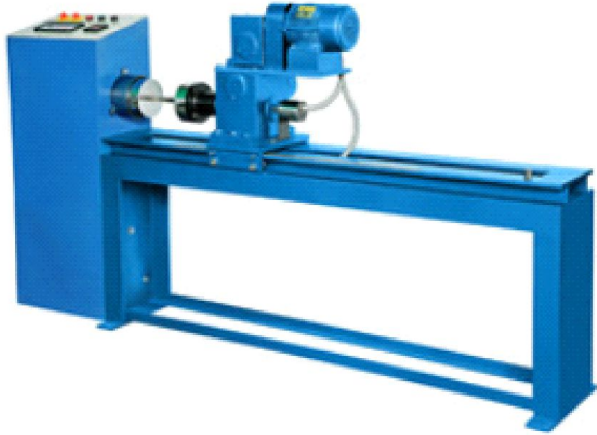
**Stock:** instock

**Categories:** [Applied Mechanics](#)

## Product Description

**ADVANTAGES:-** \*Siemens PLC trainer Kit 08 digital Inputs and 04 Relayed Outputs with windows based programming software and PC interface cable with 24V, 4Amps Dc power supply HP 280G6 DESKTOP/CORE I5/WIN 11H HP 280 G6 Core I5 **TECHNICAL PARAMETERS:-**

1. \*8GB RAM/512GB SSD/ 3 YEARS Warranty
2. \*Traffic Light Control Module
3. \*DOL Starter Module
4. \*DOL Starter Module
5. \*Staircase Lighting Module
6. \*Induction Motor, 03- Phase, 0.5 Hp
7. \*Step down Transformer, 01 KVA for star Delta Starter



**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)

## Product Description

Technical Parameters:

1. Frequency :50 Hz
2. Phase: 3 Phase
3. Voltage: 415 V
4. Power : 0.25kW
5. Clearance Between Grips: 0-420mm
6. Capacity: 100Nm
7. Torque Ranges: 20, 50, 100Nm
8. Test Speed: 0.5RPM



[Read More](#)

**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)



## Product Description

### Technical Parameters:

1. Usage/Application: Laboratory
2. Display Type: Digital
3. Capacity: 200 ton
4. Material: M.S. (Mild Steel)
5. Phase : Single power supply 220V



**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)

## Product Description

### Technical Specification:

1. Angle Measurement Accuracy: 5 second
2. Magnification: 30X
3. Distance Measurement: 5 km
4. Usage/Application: Survey
5. Field Of View: 1 Degree 30'
6. Data Storages: 50000 points
7. Operating Temperature Range: -20 DegreeC -- 50 Degree C



**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)

## Product Description

### Technical Specifications:

1. COP of Vapor Compression System Test rig Determination of C.O.P of a Vapor Compression system. 1/3HP capacity Trolley mounted unit with caster wheels
2. Control Panel: Stand Alone Metallic powder coated panel with Caster Wheels.
3. Compressor: Hermetically Sealed, Reciprocating type 1/3 HP with Thermostat Emerson/LG/Voltas/ Equivalent.
4. Condenser : An air cooled condenser of suitable Capacity with Fan
5. Evaporator: An SS, FRP coated copper coiled vessel housed in a metallic chamber with proper insulation
6. Refrigerant: Freon R-134A
7. Energy meter : Energy meter 2.5- 5 Amps, Jaipur Make/equivalent
8. Temperature Indicator : Digital Temperature Indicator, -50 to 150°C with TSS
9. Thermocouples: Teflon coated Cr -Al (K-type)-5 no.
10. Flow Visualization : Sight Glass
11. Gauges : Pressure and Compound gauges for HP and LP



## Semi Automatic Industrial Lathe Machine

[Read More](#)

**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)



### Product Description

Technical Specifications:

1. Machine Type: Floor Lathe
2. Max Swing Over Bed: >1500 mm
3. Max Spindle Speed: >4000 rpm
4. Max Turning Diameter: >2500 mm



**Price:**

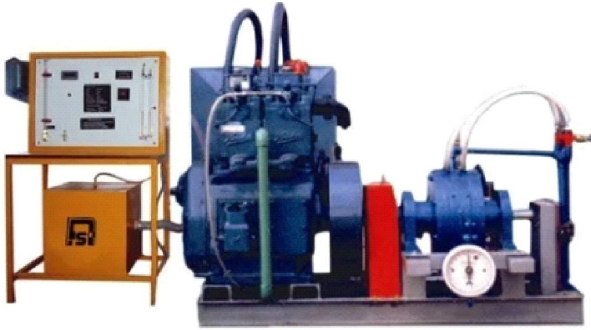
**Stock:** instock

**Categories:** [Applied Mechanics](#), [Uncategorized](#)

## Product Description

Technical Specifications:

1. Size: 16"
2. Stroke (Adjustable): 250mm No.of Stroke pe minute: 70( $\pm 5\%$ )
3. Electric motor: 3 H.P.
4. R.P.M: 1440
5. Blade Size: 22" x 2 x 24" x 2"
6. Capacity of round bar: 16"
7. Capacity of square bar: 14"
8. Length & Breath: 51" x 15"



[Read More](#)

**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)

## Product Description

Four Cylinder Petrol Engine, with MPFI System complete with ECU, starter. Capacity 1200 cc, Output Power 73 hp @ 6000 RPM, Torque 100 N-M

1. Dynamometer Options: Eddy current dynamometer: Water Cooled, Capacity 30 kW with electronic controller.
2. Calorimeter: Shell & Tube type Heat Exchanger
3. Air Box: Made in M.S. with damper & Orifice Plate
4. Morse Test Arrangement: Switches to cut off ignition or fuel supply of each cylinder.
5. Instrumentation Console: Load cell with digital indicator for Load Measurement, Range 0-50 Kg - Non-contact type sensor with Digital indicator for Engine speed, Range 0-9999 RPM - U Tube Differential Manometer for Air, Range 0-300 mm - 'K' Type Thermocouples & 8 channel digital temperature indicator, Range 0-600 °C Volumetric Fuel Measurement Unit with digital indicator - Rotameter for water, Range 100-1000 LPH-2 No's



[Read More](#)

**SKU:**

**Price:**

**Stock:** instock

**Categories:** [Applied Mechanics](#)

## Product Description

1. Engine: 4-stroke, diesel engine, water cooled , 5 hp capacity Loading: Mechanical rope brake, electrical loading or eddy current dynamo meter Change of compression ratio facility by engine head tilt mechanism with pre calibrated compression ratio scale 2. Instrumentation: RPM indicator, temperature indicator, fuel flue burette, mono meter with air box fitted with orifices plate, load indicator & diesel tank mounted on control panel 3. Rota meter for measurement of water flow rate to engine head Exhaust gas calorie meter for heat balance sheet 4. Engine & dynamo meter mounted on MS channel sturdy frame with anti vibration mount