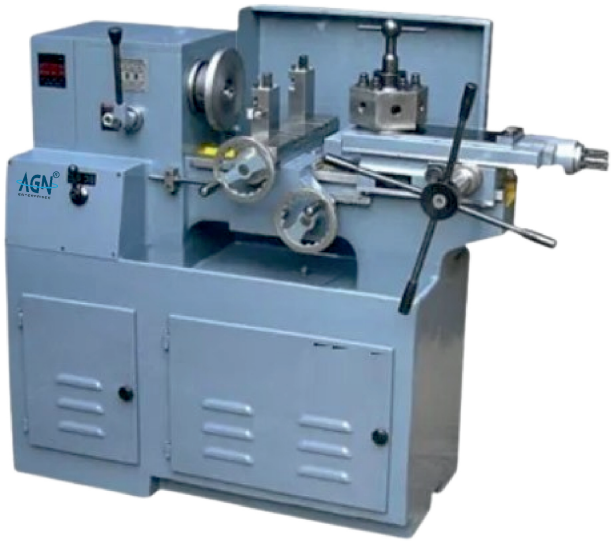

Read More

SKU:

Price:

Stock: instock

Categories: Applied Mechanics

Product Description

Application :- Capstan Lathe Machines, which is an exclusive array of advanced industrial products and is used for chuck work. Its configuration is off without gear box. It is usually brought in purpose of the sanitary fitting industry and is used in drilling, boring, turning, threading, grooving and many more operations. It is price worthy in use as it produces more components with less fatigue. These Capstan Lathe Machines have been designed after performing several quality measures and can be availed from us at economical prices.
Definition :- Capstan Lathe Machine is a cutting-edge precision tool designed for efficient and high-performance machining operations. With its robust construction and advanced features, this model ensures superior accuracy and reliability in turning and shaping metal components. Equipped with a powerful capstan mechanism, it enables rapid tool changes, reducing downtime and boosting productivity. Accommodating a wide range of materials and intricate machining tasks. Its user-friendly interface and modern controls make it an ideal choice for industries demanding precision and speed in manufacturing processes.
Features :-
- Suitable for batch production or small lot production
- More productive for quick engagement and overlapped functioning of the tools in addition to faster mounting and feeding of the job and rapid speed change
- Enable repetitive production of same job requiring less involvement, effort and attention of the operator for Presetting of work speed and feed rate and length of travel of the cutting tools

- Bed guide ways induction hardened and precision ground
- Color :- Air force blue (Firozi)

Specification :- Type of head stock : ALL GEARED Swing over bed : 300mm Swing over cross slide : 200mm Center height : 150mm Holding mechanism : Bar type/ Collet chuck Collet chuck capacity : 3 mm-40 mm Range of speed : 300 RPM-1400 RPM Cross slide travel : 150 mm-200 mm Turret slide travel : 150 mm- 200 mm Bore of turret : Hex 25.4 mm Power : 3 phase, 440 volts, 50 Hz Length of bed : 1000-1200 mm Type of bed : Flat type Size of spindle bore : 50mm Type of turret : Hexagonal Front tool post : Four way type

Accessories :- - Basic tool and tool kit as per machine - Allen Key Set-01, Set Spanner Set-01,C/Peg Spanner -02, Tool Post Key-01, Bend Key-01 - Coolant system with motor and swarf tray - Turret stop (Bar stop) - Self opening die head with die pieces of standard thread pitches Qty- 06 - Centering tool - Drill holder and reamer holder - Turret stopper bolt key - Set of collets for round bar and hex bar - Boring bar holder - Spanner for spindle nut - Panel board with relay, connector, push button, S/F switch, R/T switch - Flat steady box tool and roller steady box turning tool - Gil cane and grease gun - Rubber mounting pad & Safety Guard - Initial lubricating, gear box and cutting oil

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Bomb Calorimeter (AGN-800)

Read More

SKU:

Price:

Stock: instock

Categories: Uncategorized

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 antivirus software and latest licensed windows Operating System software **Accessory :-** Branded PC Printer Fuse Wire - 10,000 Numbers O-ring Combustion Crucible -20 Nos with each set Tool Kit for the Instrument - 01Set per instrument. Bomb charging station per each set Bomb wiping cloth per each set Dust Cover-01 Number per each set Instruction Manual Warranty Card

Price:

Stock: instock

Categories: Applied Mechanics

Product Description

TECHNICAL PARAMETERS:

1. 2s accuracy
2. 20' least count
3. 2" angle measurement accuracy
4. 30x magnification

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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,TRAIC, 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:

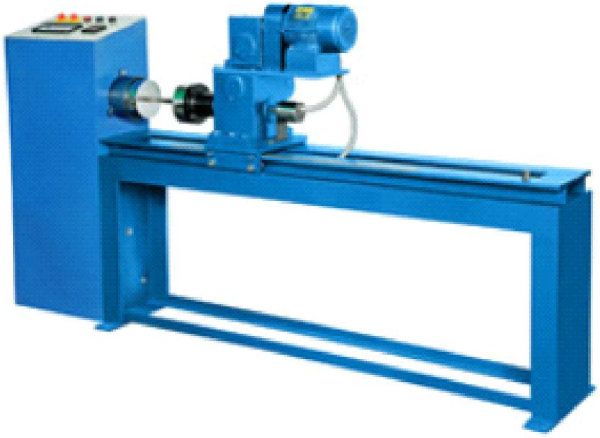
Stock: instock

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

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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:

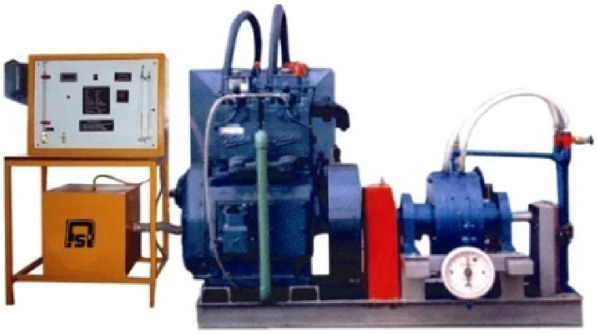
Stock: instock

Categories: Applied Mechanics, Uncategorized

Product Description

Technical Specifications:

1. Size: 16"
2. Stroke (Adjustable): 250mm No.of Stroke pe minute: 70(±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"



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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