



Pressure Calibrators

Manually operated hydraulic testers are used to generate the required pressure for calibration in reference calibration. The scope of reference calibration is to reduce the 'time required' for calibrating an instrument. Portable manually operated hydraulic pumps are designed up to 700 bar.

Features

- * Ideal for site / Lab calibration
- * Complete S S construction for Water Calibration
- * S S wetted parts and other parts in M S rust Protected for low cost and oil calibration
- * Easy generation of Pressure
- * Universal Mounting enable easy positioning
- * Light Weight and Compact (Approximate weight 8kg)
- * Excellent aesthetic
- * Zero maintenance for years
- * Can be used for Burst / Opening pressure test of components



Portable Calibrator

Manually operated hydraulic testers are used to generate the required pressure for calibration in reference calibration. The scope of reference calibration is to reduce the 'time required' for calibrating an instrument. Portable manually operated hydraulic pumps are designed up to 400 bar.

Features

- * Ideal for site calibration
- * Complete S S construction for Water Calibration
- * S S wetted parts and other parts in M S rust protected for low cost and oil calibration
- * Easy generation of Pressure
- * Universal Mounting enable easy positioning
- * Light Weight and Compact (Approximate weight 5kg)
- * Excellent aesthetic
- * Zero maintenance for years
- * Can be used for Burst / Opening pressure test of components



Site Calibrator

Manually operated hydraulic testers are used to generate the required pressure for calibration in reference calibration. The scope of reference calibration is to reduce the 'time required' for calibrating an instrument. Table top manually operated hydraulic pumps are designed up to 2000 Kg/cm².

Features

- * Ideal for Lab calibration
- * Complete S S construction for Water Calibration
- * S S wetted parts and other parts in M S rust Protected for low cost and oil calibration
- * Easy generation of Pressure
- * Universal Mounting enable easy positioning
- * Approximate weight 12-18 kg
- * Excellent aesthetic
- * Zero maintenance for years
- * Can be used for Burst / Opening pressure test of components



Table Top Calibrator



Vacuum Calibration Unit

Vacuum Calibration systems are designed for calibration of electronic or mechanical vacuum instruments in comparison method. In this, instruments are calibrated against a master instrument. Machines are available for a full vacuum of -760 at MSL.

Features

- * Ideal for Lab calibration
- * Two different construction Complete S S construction /S S wetted parts and other parts in M S rust protected
- * Easy controlling of vacuum
- * Universal Mounting enable easy positioning
- * Light Weight and Compact (Approximate weight 5kg)
- * Excellent aesthetic
- * Zero maintenance for years

Type:

Master Pressure gauge

Specification

Nominal sizes: 6", 8", 10"

Case and Bezel: S S with screwed bezel

Wetted Parts: 316 S S

Moment: 304 S S

Scale: anti - parallax Mirror

Pointer: Knife edged

Pressure Range: up to 1500kg

Application

For calibrating Pressure Instruments



Master Gauges

Dead weight testers are designed for calibration of pressure instruments. As primary standards, dead weight Testers are used for the calibration of electronic or mechanical pressure measuring instruments. In this, generally pressure instruments are calibrated against 'calibrated weights'. Dead weight testers are a piston-cylinder type measuring device. Dead weight Testers work in accordance with the basic principle that $P = F/A$, where the pressure (P) acts on a known area of a sealed piston (A), generating a force (F). The force of this piston is then compared with the force applied by calibrated weights. Table Top Machines are engineered for a different working range up to 1200kg, with single or dual piston type.

Features

- * Ideal for Lab calibration
- * Complete S S construction for Water Calibration
- * S S wetted parts and other parts in M S rust protected for low cost
- * Easy generation of Pressure
- * Universal Mounting enable easy positioning
- * Excellent aesthetic
- * Zero maintenance for years



Dead Weight Tester

