



Application

Ideal for calibration of pressure gauges, switches, transmitters, etc.

Features

MEASUREMENTS: Electrical measurements of mA & Volts . Peak pressure measurements (High & Low peak)

PRESSURE SWITCH TEST FACILITY: Opening and closing pressures are easily identified by display hold while opening and closing contact

DISPLAY: Large backlit alpha numeric display with 2 lines (one line Pressure and second line for electrical measurement) . 'Auto OFF' function for longer battery life

KEYPAD: Feather Touch keypad for easy operation . Dedicated ZERO key for Zeroing before test

PUMP: Hydraulic hand pump with Divider Block Assembly



Hydraulic Hand Pump with Divider Block Assembly
HP700



Carrying Case

Over Pressure Alarm	: 5% of Full Scale
Pressure Media	: Compatible to 316 Stainless Steel
Current Terminal Input	
Protection	: Fuse: 100mA / 250V
Display	: Alpha Numeric Display
Backlight	: LED backlight
Power Supply	: Li-ion Rechargeable Battery
Low Battery Indicator	: Yes
Auto Power Off	: 15 minutes
Battery Backup	: 20 hours
Pressure Connection	: 1/4" BSP Female
Operating Temperature	: 10 to 50°C
Instrument Casing	: ABS Plastic
Instrument Dimensions	: 200 mm x 110 mm x 60 / 35 mm (LxWxD)
Instrument Weight	: 550 gms

Instrument

Model	Range*	Resolution	Accuracy	Selectable Pressure Units
EPCK 100	0 to 100 bar	0.01	±0.05% F.S.	bar, kg/cm ² , MPa, mH ₂ O, atm, psi, inHg, ftH ₂ O, kPa, inH ₂ O, mmHg
EPCK 200	0 to 200 bar			bar, kg/cm ² , MPa, mH ₂ O, atm, psi, inHg, ftH ₂ O, kPa, inH ₂ O
EPCK 400	0 to 400 bar			bar, kg/cm ² , MPa, mH ₂ O, atm, psi, inHg, ftH ₂ O, kPa
EPCK 700	0 to 700 bar			bar, kg/cm ² , MPa, mH ₂ O, atm, psi, inHg, ftH ₂ O, kPa

*Contact us for other ranges.

Measurements

Facility	Range	Resolution	Accuracy
mA	0 to 25 mA	0.001 mA	±0.025% of Reading + 3 µA
Volts	0 to 30 V	0.001 V	±0.025% of Reading + 3 mV

Accuracy specifications include effect of non-linearity, hysteresis and repeatability at 23±5°C.

Hydraulic Hand Pump with Divider Block Assembly

Range:

Generation of Pressure : 700 Bar
Medium : Hydraulic Oil
End Connection : 1/4" BSP (F)

Standard Delivery

1. Instrument : 1 no.
2. Hydraulic Hand Pump with Divider Block Assembly : 1 no.
3. Carrying Case : 1 no.
4. Test Lead (2 wire) : 1 no.
5. Charger : 1 no.
6. Adapters (each 1 no.) : 1/4" BSP (M) x 1/4" NPT (F), 3/8" BSP (F), 3/8" NPT (F), 1/2" BSP (F), 1/2" NPT (F)
7. Nylon Seals : 1/4", 1/2" & 3/8" - each 5 nos.
8. Quick Coupling Connector
9. User Manual : 1 no.
10. Traceable Calibration Certificate

Optional

Accredited (NABL) Calibration Certificate as per ISO/IEC 17025:2005 Standard

Manufacturer of
**TEST BENCHES
CALIBRATION INSTRUMENTS**

**ISO 9001:2008
Certified Company**

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ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

**THERMAL
MECHANICAL
ELECTROTECHNICAL**

www.calibrationlab.in