



Application: Ideal for calibration of vacuum and pressure gauges, switches, transmitters, etc.

Features

MEASUREMENTS: Loop powered supply with mA measurement for Transmitter calibration. 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 back lit Graphical display **KEYPAD:** Feather Touch keypad for easy operation. Dedicated ZERO key for Zeroing before test

IN-BUILT PUMP: Pneumatic hand pump for Pressure & Vacuum



Over Pressure Alarm	: 20% of Full Scale
Pressure Media	: Compatible to 316 Stainless Steel
Current Terminal Input	
Protection	: Fuse: 100mA / 250V
Display	: Graphical display
Backlight	: LED Backlight
Power Supply	: Li-ion Rechargeable Battery
Low Battery Indicator	: Yes
Transmitter Supply	: 24VDC±10%(Loop Powered)
Operating Temperature: 10 to 50°C	
Instrument Casing	: ABS Plastic (IP 65)
Instrument Dimensions	: 380mm x 290mm x 170mm(LxWxD)
Instrument Weight	: 5.8 Kgs

Specification

Model	Indicator Range*	Resolution	Accuracy ¹	Selectable Pressure Units	In-built Pump Range
APC-P- 2	-1 bar Vacuum to 2 bar	0.0001 bar	±0.025% F.S.	bar, kg/cm ² , MPa, mH ₂ O, atm, psi, inHg, ftH ₂ O, kPa, inH ₂ O, mmHg, mbar, cmH ₂ O, mmH ₂ O	Generation of Pressure: 2 bar Generation of Vacuum: 0.85 bar
APC-P- 10	-1 bar Vacuum to 10 bar	0.001 bar		bar, kg/cm ² , MPa, mH ₂ O, atm, psi, inHg, ftH ₂ O, kPa, inH ₂ O, mmHg, mbar, cmH ₂ O	Generation of Pressure: 10 bar Generation of Vacuum: 0.85 bar
APC-P- 20	-1 bar Vacuum to 20 bar	0.001 bar		bar, kg/cm ² , MPa, mH ₂ O, atm, psi, inHg, ftH ₂ O, kPa, inH ₂ O, mmHg, mbar, cmH ₂ O	Generation of Pressure: 20 bar Generation of Vacuum: 0.85 bar

Measurements

Facility	Range	Resolution	Accuracy ¹
mA ²	0 to 50 mA	0.001 mA	±0.025% of Reading + 10 µA
Volts	0 to 30 V	0.001 V	±0.025% of Reading + 3 mV

Note 1: Accuracy specifications include effect of non-linearity, hysteresis and repeatability at 23±5°C. Note 2: Active loop - Load @ 800Ω

Standard Delivery

1. Instrument with Integrated Pump: 1no
2. Test Lead (2 wire): 2nos.
3. Charger: 1no.
4. Adapters (each 1 no.): 1/4" BSP (M) x 1/8" BSP (F), 1/8" NPT (F), 1/4" NPT (F), 3/8" BSP (F), 3/8" NPT (F), 1/2" BSP (F), 1/2" NPT(F), 1/4" BSP (M)
7. Nylon Seals: 1/8", 1/2", 1/4" & 3/8" - 5 nos. each
8. User Manual: 1no.
9. Traceable Calibration Certificate

Optional

1. RS232 with RnD Cal-P Software
2. Accredited (NABL) Calibration Certificate as per ISO/IEC 17025 Standard

Manufacturer of
TEST BENCHES
CALIBRATION INSTRUMENTS
ISO 9001
Certified Company

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ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

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