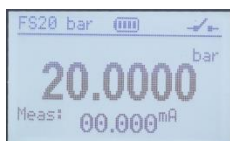


HIGH PRECISION PRESSURE CALIBRATOR

MODEL : PCAL 1300/20



Carrying case



FEATURES

- ✓ High accuracy
- ✓ 6 digit user selectable resolution
- ✓ PT – 100 temperature measurement of -200 to 800 @ 0.001 resolution
- ✓ Windows based software (optional)
- ✓ User selectable pressure units

Specifications Technical Data

Features	Values
Model	PCAL 1300 / 20 bar
Range (bar)	- 1 to 20 bar
Display	128 x 64 COG Graphic LCD with White LED Back light
Pressure Port	2 x ¼" BSP Female
Pump dimension in mm (Approx.)	170 x 45 (Height x Dia)
Resolution (bar)	6 digit user selectable
Instrument Port	¼ BSP Male x 10 mm long
Instrument dimension	100 x 100 x 55 (W x H x D) mm
Instrument Weight	400gms (Approx.)
Stability time	1 to 2 mins
Accuracy	± 0.05%FS
Pressure units * (selectable)	bar, mbar, Mpa, kpa, kg/cm², inHg, cmHg, mmHg, mH ₂ O, ftH ₂ O, inH ₂ O, cmH ₂ O, mmH ₂ O
Pressure Zero	One touch zero provided on front key
Pressure Peak	Maximum & minimum with user reset option
Pressure overflow	FS X 2 (Max.)
Pressure burst	FS X 3 (Max.)
Temp.Measure	RTD -PT 100 (2,3,4, wire selectable)
Temp. Range	-199.999 to 850.000
mA Measure	0-24 mA (scalable)
Display scale	-99999 to 99999 counts (for mA measure input)
Switch test	Provided
Keypad	Touch key
Power Supply	9V DC ±5% / 800mAh Rechargeable battery with battery life 4hours without back light(or) 9V DC adapter /230V AC supply operated
Pc Interface	RS 485 (optional)
Pc Software	Windows based semi automatic calibration software (optional)

Note: Above Specification change without notice *factory selected units are display which supports to pressure range

Pneumatic Low Pressure Hand Pump

Model	HP - 03
Pressure Range	-0.9 to 30 bar
Pressure Media	Dry air
End connection	1/4 " BSP (F) for test & master instrument
Leakage	0.012 bar / min
Weight (Approx.)	1 kg
Dimension H X W X D	240 x 220 x 70 mm (Approx.)

Set of Adapters (8 no's) : 1/4" BSP male - one end
1/8", 1/4", 3/8" & 1/2" NPT & BSP female on other end

List of supply

1. Pressure indicator PCAL 1300/20
2. Hand pump – HP 03
3. Set of adaptors (BSP & NPT) each (4 no's)
4. 9V DC Re-chargeable battery with charger
5. AC to DC adapter
6. User manual
7. Traceable Calibration certificate

Optional

1. Temperature sensors
2. Carrying case
3. NABL Calibration certificate



SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879
(Thermal, Mechanical, Electro-Technical, Dimension Parameters)

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