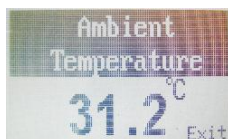


HIGH PRECISION PRESSURE CALIBRATOR

MODEL : PCAL 1300/20



PVP - 02



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

Technical Specifications

Features	Values
Model	PCAL 1300 / 20 bar
Range (bar)	-0.90 to 20 bar
Pressure media	Air
Pressure pump	PVP – 02
Display	128 x 64 COG Graphic LCD with White LED Back light
Resolution (bar)	6 digit user selectable
Instrument port (at pump)	3/8" BSP Female
Test Port (at pump)	1/4" BSP Female
Instrument Port	3/8" BSP Male
Pump Dimension	230 x 140 x 65 mm (H x W x D)
Instrument dimension	100 x 100 x 55 (W x H x D) mm
Pump Weight	750 gms.
Instrument Weight	400gms (Approx.)
Stability time	1 to 2 mins
Accuracy	± 0.05%FS
Pressure units * (selectable)	bar, mbar, MPa, kPa, Pa, PSI, 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% / 600 mAh Rechargeable battery with battery life 20 hours without backlight (or) 9V DC adapter / 230V AC supply operated
PC Interface(optional)	RS 485 (optional)
PC Software(optional)	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 Power Hand Pump – Technical Specifications

Model	PVP - 02
Range	-0.9 bar Vacuum to 10 / 25 / 35 / 40 bar Pressure
Medium	Air
Sensitivity / Resolution	Upto 1 mbar
Gauge / Indicator Connection Port	3/8" (F) BSP
Test Connection Port	1/4" (F) BSP
Instrument Dimension	230 x 140 x 65 mm (L x B x H)
Instrument Weight (approx.)	750 gms.

Instrument - Standard Delivery

1. 9V DC Battery charger
2. Test certificate

Instrument - Optional

1. Pressure / Vacuum pump
2. Set of adapters
3. Temperature sensors
4. Carrying case
5. NABL Calibration certificate

Pump - Standard Delivery

1. Basic Pump
2. Nylon Hose (Length : 1 Meter)
3. Set of Seals
4. Instruction manual
5. Test certificate
6. Standard adopter set – 8 pieces

1/4" BSP(F) X 1/4" BSP (M)	BSP
1/8" BSP(F) X 1/4" BSP (M)	
1/2" BSP(F) X 1/4" BSP (M)	
3/8" BSP(F) X 1/4" BSP (M)	
1/8" NPT(F) X 1/4" BSP (M)	NPT
1/4" NPT(F) X 1/4" BSP (M)	
1/2" NPT(F) X 1/4" BSP (M)	
3/8" NPT(F) X 1/4" BSP (M)	

Pump - Optional

1. Pp Carry case
2. Master Pressure Gauge – PCAL 1300 Series, manufactured by Sansel



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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