

PORTABLE PRESSURE CALIBRATOR

Pneumatic / Hydraulic / Dual

Ideal Lab / Site Tool for Checking & Calibration of Low Ranges of Pressure / Differential Pressure Gauges / Transmitters / Indicators, Pneumatic Receiver Gauges, Control Valves, Pressure Transducers / Loops, etc.- in Industrial & Marine Applications.

FEATURES

Pressure measurement accuracy of $\pm (0.025 \% \text{ reading} + 0.01 \% \text{ FS})$ and $\pm 0.05 \% \text{ FS}$ for PL model.

Measure or Simulate 0 to 20 / 4 to 20 mA with Loop supply(24VDC).

Informative Color Display with touch and Easy Operation.

4.3" full color display is very easy to read.

The main Pressure indications along with Transmitter output mA or Voltage indication and % are also displayed.

NIPC-50 SERIES
PORTABLE – HEAVY DUTY



Typical Photo: Final Product look may vary



SPECIFICATIONS

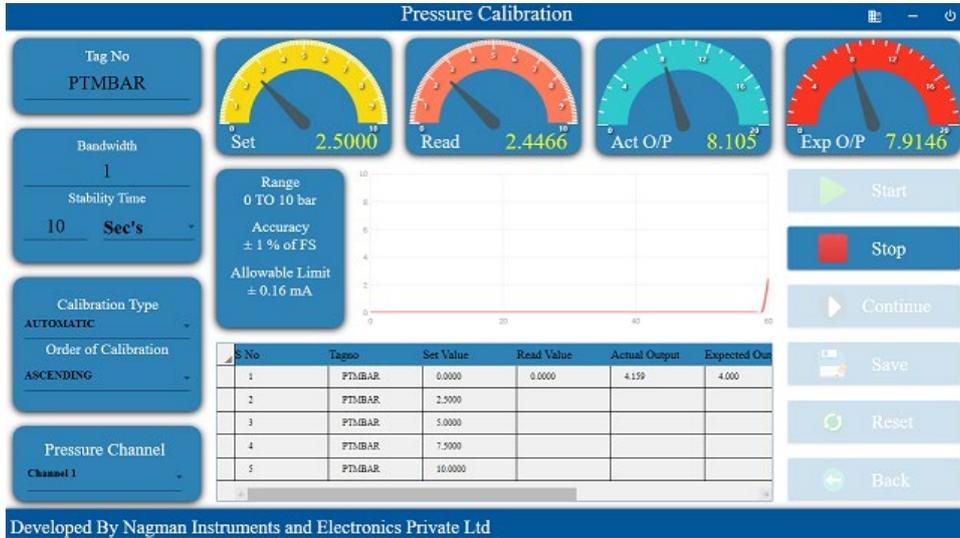
Models	NIPC 50-PL	NIPC 50-P	NIPC 50-H (*)	NIPC 50-D (*)
Pressure Ranges	500 / 2500 mmWC	-0.85 to 2 / 7 / 10 / 20 bar	0 to 200 / 400 bar	-0.85 to 20 bar (Pneumatic) 0 to 400 bar (Hydraulic)
Accuracy	$\pm 0.05 \% \text{ FS}$	$\pm (0.025 \% \text{ reading} + 0.01 \% \text{ FS})$		
Resolution	Minimum 5 digit			
Temperature Compensation	0 to 50°C (Automatic)			
Engineering units	Kg/cm ² , bar, mbar, PSI, mmH ₂ O, cmH ₂ O, inH ₂ O, ftH ₂ O, mmHg, inHg, Atm, Mpa, Kpa, Pa			
mA Measure / Source	0 to 25.000 mA (with loop supply); $\pm (0.015 \% \text{ of reading} + 0.002 \text{ mA})$			
Volts Measure	0 to 30.000 V Dc; $\pm (0.015 \% \text{ of reading} + 0.002 \text{ V})$			
Switch Test	OPEN / CLOSE Capture the pressure reading			
Over Pressure Alarm	105% FS (Audio / Visual)			
Dimensions (L x B x H)	330 X 235 x 125 mm	2, 7, 10 bar Models: 330 x 235 x 125 mm	330 x 235 x 125 mm	425 x 335 x 200 mm
		20 bar Model: 330 x 235 x 200 mm		
Weight	4 Kg	2, 7, 10 bar – 4 Kg	6 Kg	10 Kg
		20 bar – 6 Kg		

(*) Medium for Hydraulic models: Oil (Optional: Water)

CALIBRATION SOFTWARE

The NIPC Series Pressure Calibrator is supplied with Nagman Pressure Calibration Software “Calpress”

Calibrations & Certificate generation for Documentation is controlled from a PC.



Calibration Types :

- Auto calibration
- Semi-automatic
- Manual

When the calibrator has reached the desired Pressure and stability it will prompt you to type in the UUT Pressure.

STANDARD INCLUSIONS

- Basic Instrument
- Test Leads & Seals Kit
- Hoses with End Fitting
- External Charger
- “Calpress” Calibration Software
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards
- Instruction Manual
- Set of Adaptors

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

Manufactured by



Since 1972

NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

170/1a2, Chennai Bangalore Highway Road, Sembarambakkam, Chennai – 600 123. INDIA.

Phone - Domestic Sales

044-6677 7024, 044-6677 7005

Email: mktgchennai@nagman.com

Phone - Export Sales

+91-44-6677 7025.

Email: exports@nagman.com

www.nagman.com

