

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.

SALIENT FEATURES

Pressure measurement accuracy of $\pm (0.025 \% \text{ reading} + 0.01 \% \text{ FS})$

Measure or Simulate 0 to 20 / 4 to 20 mA with Loop supply

Informative Color Display with touch and Easy Operation

The full color display is very easy to read. The main Pressure indications along with Transmitter output mA or Voltage indication and % is also displayed.

NIPC-50 Series

Table-top / Bench-top - Heavy Duty



SPECIFICATIONS

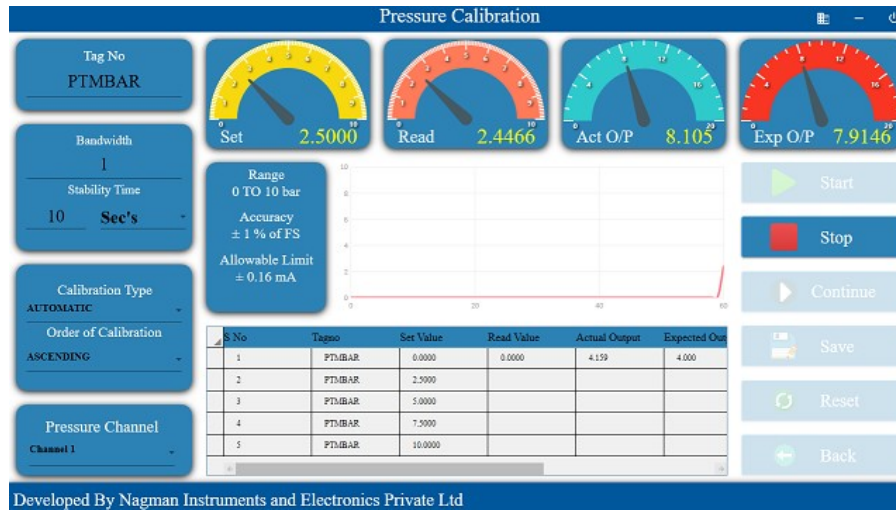
Models	NIPC 50-P	NIPC 50-H	NIPC 50-D
Pressure Ranges	-0.85 to 2 / 7 / 10 / 20 bar	0 to 200 / 400 bar	-0.85 to 20 bar (Pneumatic) 0 to 400 bar (Hydraulic)
Resolution	Minimum 5 digit		
Accuracy	$\pm(0.025 \% \text{ reading} + 0.01 \% \text{ FS})$		
Temperature Compensation	0 to 50°C (Automatic)		
Engineering 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)		
Dimension (Lx B x H)	2, 7, 10 bar Models : 330 x 235 x 125 mm 20 bar Model : 330 x 235 x 200	330 x 235 x 125 mm	425 x 335 x 200 mm
Weight	2, 7, 10 bar - 4 Kg, 20 bar - 6 Kg	6 Kg	10 Kg

(P.T.O)

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
- Spare Fuses
- “Calpress” Calibration Software
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards
- Instruction Manual
- Carrying Case
- Set of Adaptors

Manufactured by



Since 1972

NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

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