

## 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

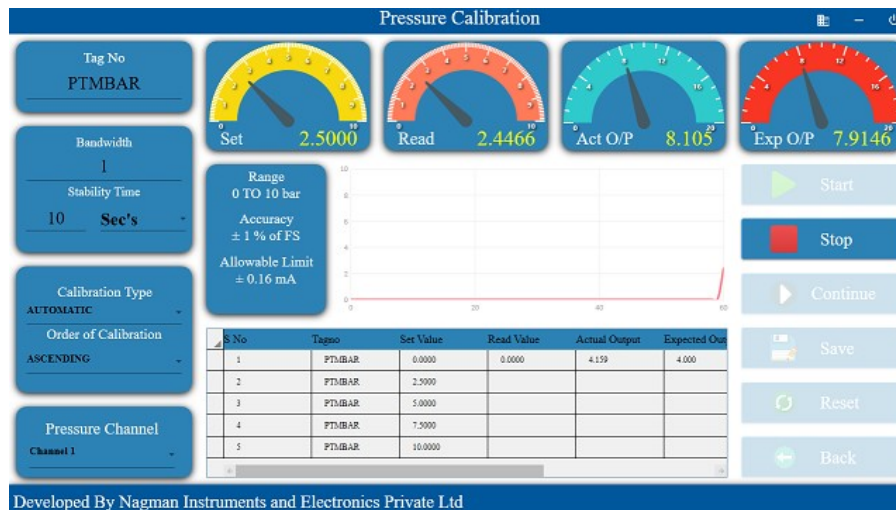
Models	NIPC 50-P	NIPC 50-H	NIPC 50-D
Pressure Ranges	-0.85 to 2 / 7 / 10 / 20 bar	0 to 200 / 400 bar	-0.85 to 20 bar (Pneumatic) 0 to 400 bar (Hydraulic)
Resolution	Minimum 5 digit		
Accuracy	$\pm(0.025 \% \text{ reading} + 0.01 \% \text{ FS})$		
Temperature Compensation	0 to 50°C (Automatic)		
Engineering units	Kg/cm <sup>2</sup> , bar, mbar, PSI, mH <sub>2</sub> O, mmH <sub>2</sub> O, cmH <sub>2</sub> O, inH <sub>2</sub> O, ftH <sub>2</sub> 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 (L x 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**

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