

Nagman  
Instruments  
Consortium

Comprehensive  
Calibration Solutions

thru'

• Standards • Systems • Software

50  
years of

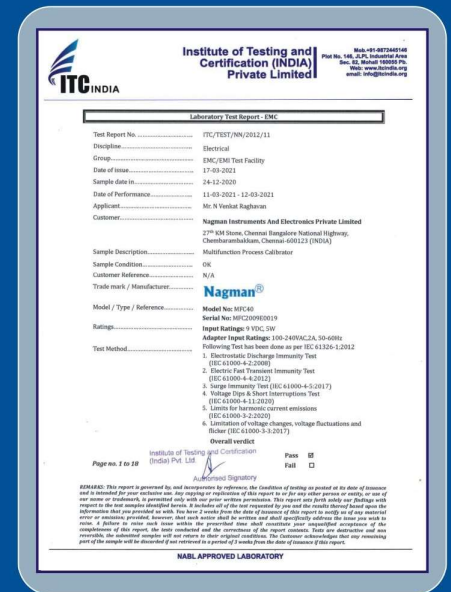
DISTINGUISHED  
SERVICE TO  
INDUSTRIES  
WORLDWIDE



ISO 9001:2015 Certificate



CE Certificate



IP Certificate

# PRESSURE SERIES



## Analog Gauges

### APG Series

Ranges (in kg/cm<sup>2</sup> or bar)  
 0 to 1, 2.5, 4, 6, 10, 16, 25, 40, 60, 100,  
 160, 250, 400, 600, 1000  
 Accuracy ±0.25% F.S.  
 Beryllium Copper / SS316  
 3/8", 1/2" BSP / NPT Connection  
 Bottom or Back Mounted

## Digital Pressure Indicators

### MPCE-I-P / MPC-I-P / MPC-I-P+ <sup>ABS Type Available</sup> Pneumatic

Ranges -1 to 2 / 10 / 20 / 35 / 40 / 60 bar  
 Accuracy ±0.1% F.S. / ±0.05% F.S. / ±0.025% F.S. **IP 52 RATED**  
 Resolution Minimum 4½ / 5 / 5 digits  
 Display 7 Segment FSTN (Large) Display  
 Selectable Engineering Pressure Units

## Marine Calibrators

### MPCE IN100 Series Pneumatic

Ranges -0.90 to 2 / 10 / 25 / 35 / 40 / 60 bar  
 Accuracy ±0.1% F.S.  
 Resolution Minimum 4½ digits  
 Display 7 Segment 5 Full Digit High Contrast  
 Customized LCD Display

## Handheld Pressure Calibrators

### MPCE-P / MPC-P / MPC-P+ <sup>ABS Type Available</sup> Pneumatic

Ranges -0.90 to 2 / 10 / 20 / 35 / 40 / 60 bar **IP 52 RATED**  
 Accuracy ±0.1% F.S. / ±0.05% F.S. / ±0.025% F.S.  
 Resolution Minimum 4½ / 5 / 5 digits  
 Display 7 Segment FSTN (Large) Display **DNV-GL**

## Portable Pressure Calibrators

### PPC-P / PPC-P+ Pneumatic

Ranges -0.85 to 2 / 7 / 10 / 20 bar **DNV-GL**  
 Accuracy ±0.05% F.S. / ±0.025% F.S.  
 Resolution Minimum 5 digits  
 Display Large Graphic Display

### PPC-D / PPC-D+ Pneumatic & Hydraulic

Ranges -0.85 bar Vacuum to 20 bar (Pneumatic) &  
 0 to 400 bar (Hydraulic) (Oil) **DNV-GL**  
 Accuracy ±0.05% F.S. / ±0.025% F.S.  
 Resolution Minimum 5 digits  
 Display Large Graphic Display

## Differential Pressure Manometer

### DPM

Ranges 0 to 25 / 70 / 200 / 300 / 500 / 1000 / 2000 mbar  
 Accuracy ±0.2% F.S. (25/70 mbar)  
 ±0.1% F.S. (200/300/500 mbar) **IP 52 RATED**  
 ±0.05% F.S. (1000/2000 mbar)  
 Resolution Minimum 4½ / 5 / 5 digits  
 Display 7 Segment FSTN (Large) Display

### Semi-Automatic Pressure Calibrator SAPC-20

Ranges -0.85 to 20 bar  
 Measurement Accuracy ±0.05% FS  
 Temperature Compensation 0 to 50°C (Automatic)  
 Resolution Minimum 5 Digits  
 Display Large Graphic Display  
 Pressure 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

## Marine Indicators

### MPCE-IN100

Ranges Pneumatic -1 to 2 / 10 / 25 / 35 / 40 / 60 bar  
 Hydraulic 0 to 70 & upto 1000 bar  
 Accuracy ±0.1% F.S. **DNV-GL**  
 Resolution Minimum 4½ digits  
 Display 7 Segment 5 Full Digit High Contrast  
 Customized LCD Display

### MPCE-I-H / MPC-I-H / MPC-I-H+ <sup>ABS Type Available</sup> Hydraulic

Ranges 0 to 70 / 100 / 200 / 250 / 350 / 700 / 1000 bar  
 Accuracy ±0.1% F.S. / ±0.05% F.S. / ±0.025% F.S. **IP 52 RATED**  
 Resolution Minimum 4½ / 5 / 5 digits  
 Display 7 Segment FSTN (Large) Display  
 Selectable Engineering Pressure Units

### MPCE IN100 Series Hydraulic

Ranges 0 to 70 / 100 / 200 / 350 / 700 / 1000 bar  
 Accuracy ±0.1% F.S.  
 Resolution Minimum 4½ digits  
 Display 7 Segment 5 Full Digit High Contrast  
 Customized LCD Display

### MPCE-H / MPC-H / MPC-H+ <sup>ABS Type Available</sup> Hydraulic

Ranges 0 to 70 / 200 / 350 / 700 / 1000 bar **IP 52 RATED**  
 Accuracy ±0.1% F.S. / ±0.05% F.S. / ±0.025% F.S.  
 Resolution Minimum 4½ / 5 / 5 digits  
 Display 7 Segment FSTN (Large) Display **DNV-GL**

### PPC-H / PPC-H+ Hydraulic

Ranges 0 to 200 / 400 bar **DNV-GL**  
 Accuracy ±0.05% F.S. / ±0.025% F.S.  
 Resolution Minimum 5 digits  
 Display Large Graphic Display

### Pneumatic - Very Low PPC-PL

Ranges -8500 to +10000 mmH<sub>2</sub>O **DNV-GL**  
 Accuracy ±0.075% F.S.  
 Resolution Minimum 5 digits  
 Display Large Graphic Display

## Portable Pressure Test Kit

### CalNitro

Max Pressure 200 bar / 3000 psi  
 Pressure Control Thro' Precision Regulator  
 Pressure Gauges Dial Size: 63 mm (Analog)  
 Range 0 to 280 kg/cm<sup>2</sup> & psi  
 Storage System 2L Nitrogen Cylinder with Needle Valve  
 Display 7 Segment FSTN (Large) Display



\* Typical Photos

# PRESSURE SERIES

## Hand Pumps

### PHP 2, 10, 20, 35, 40, 60

Pneumatic

Range -0.9 bar Vacuum to 60 bar Pressure  
 Medium Air  
 Sensitivity / Resolution Upto 1 mbar  
 Gauge / Indicator Connection Port 3/8" (F) BSP  
 Test Connection Port 1/4" (F) BSP

## Other Pumps

### Electrical Vacuum Pump

EVP 69

Structure Double Stage; Power Electric  
 Colour Blue  
 Voltage 220V / 50Hz  
 Free Air Displacement 6 CFM / 170 LPM  
 Ultimate Vacuum 2 x 10<sup>-1</sup> Pa  
 Rotating Speed 2800 RPM  
 Power 3/4 HP  
 Oil Capacity 370 ml  
 Casting Alloy Aluminium

## Dead Weight Testers

### H3000

Hydraulic

Ranges 35 / 70 / 100 / 160 / 350 / 600 / 700 bar  
 Piston Single / Dual  
 Accuracy ±0.1% of Reading  
 Traceable to International Standards  
 Mild Steel/Non-Magnetic Stainless Steel Weights  
 Pressure generation thro' Priming Pump & Screw Ram

### H6600

Hydraulic

Ranges 35 / 70 / 100 / 160 / 350 / 600 / 700 bar  
 Piston Single / Dual  
 Accuracy ±0.025% of Reading  
 Traceable to International Standards  
 Non-Magnetic Stainless Steel Weights  
 Pressure generation thro' Priming Pump & Screw Ram

### Bellows Type

Hydraulic

Ranges 1000 / 1200 bar  
 Piston Single / Dual  
 Accuracy ±0.1 / ±0.05% / ±0.025% / ±0.015% / ±0.01% of Reading  
 Traceable to International Standards  
 Mild Steel/Non-Magnetic Stainless Steel Weights  
 Pressure generation thro' Priming Pump & Screw Ram  
 DWTCal Calibration Software

## Comparators / Gauge Testers

### GCL Series

Hydraulic

Ranges 0 to 250 / 350 bar  
 Type Screw Pump  
 Pressure generation Priming Pump for initial pressures & Screw RAM Pump for high pressures  
 Test Port Connection 1/2" BSP (F) Swivel  
 Medium Oil (Optional : Water)

### PCP Series

Pneumatic

Ranges -0.95 to 4 / 6 / 10 bar (Std. Model)  
 70 / 100 / 140 / 200 bar (Special Models)  
 - with External 3 Stage High Pressure Hand Pump  
 Pressure generation Screw RAM Pump  
 Pressure Medium Air  
 Gauge / Indicator Connection Port 1/2" (F) BSP

### HHP 200, 400, 700, 1000

Hydraulic

Ranges Upto 200 / 400 // 700 / 1000 bar  
 Gauge / Indicator Connection Port 1/4" (F) // 3/8" (F) BSP  
 Test Connection Port 1/4" (F) BSP  
 Medium Oil (Water Model Optional)  
 Oil Reservoir Material Transparent Acrylic  
 Reservoir Capacity 100 cc

### Screw Pump Vernier

SPV-48

Maximum Range 1 bar  
 Medium Air  
 Material of Constr. Brass - Electroless Ni plating  
 Test Connection Port 4mm push fit hose to 1/2" BSP (F)  
 Master Connection 4mm push fit

### H6000

Hydraulic

Ranges 35 / 70 / 100 / 160 / 350 / 600 / 700 bar  
 Piston Single / Dual  
 Accuracy ±0.05% of Reading  
 Traceable to International Standards  
 Non-Magnetic Stainless Steel Weights  
 Pressure generation thro' Priming Pump & Screw Ram

### H6900 // H6990

Hydraulic

Ranges 35 / 70 / 100 / 160 / 350 / 600 / 700 bar  
 Piston Single / Dual  
 Accuracy ±0.015% // ±0.01% of Reading  
 Traceable to International Standards  
 Non-Magnetic Stainless Steel Weights  
 Pressure generation thro' Priming Pump & Screw Ram  
 DWTCal Calibration Software

### P8000 / P8600

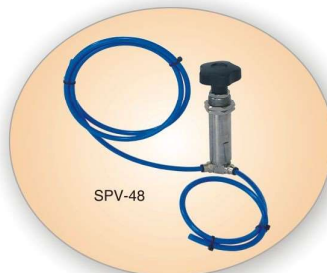
Pneumatic

Ranges 0.5 to 1 / 2 / 10 / 20 / 35 bar  
 Piston Single  
 Accuracy ±0.05% / ±0.025% of Reading  
 Traceable to International Standards  
 Non-Magnetic Stainless Steel Weights  
 Pressure generation thro' Priming Pump & Screw Ram

### GCH Series

Hydraulic

Ranges 0 to 700 / 1400 / 2000 bar  
 Type Screw Pump  
 Pressure generation Priming Pump for initial pressures & Screw RAM Pump for high pressures  
 Test Port Connection 1/2" BSP (F) Swivel  
 Medium Oil (Optional : Water)



SPV-48



\* Typical Photos

