



Shown with enhanced software.

1000 SERIES

- Allows for local digital indication of pressure in place of mechanical gauges
- Integrated battery provides 4,000 hours of battery life
- Pressure ranges from 30/30 psi to 10,000 psi
- 4" size – bottom connected
- Durable 304 stainless steel case
- Display has an integrated bar graph with a trailing indicating pointer to show the trends in a working pressure system
- Additional 4-1/2 digit display provides a direct readout of the peak value, tare, min./max. memory, and other functions
- Optional internal light ensures display is optimally lit for a clear readout in all lighting conditions
- Buttons on the front of the display allow easy adjustment of the programmable functions
- Meets all electromagnetic compatibility requirements (EMC) to EN 61326
- CE compliant to suppress RFI, EMI and ESD
- Optional features: tare function, password protection, internal lighting, 300° rotatable base, rubber case protector

APPLICATIONS

- Machine construction
- Plant and apparatus construction
- Hydraulics
- Pneumatics
- Measuring equipment monitoring

SPECIFICATIONS

| | |
|------------------------|--|
| Display | 0.43" high liquid crystal display |
| Digits | 4 STD. 4-1/2, up to 9999 |
| Accuracy | ±0.25 % full scale (BFSL) |
| Update rate | 5 times/second |
| Pressure ranges | Standard ranges from 30 psig to 10,000 psig, compound ranges from 30/30 psig to 30/600 psig |
| Proof pressure | 2 times full scale range, maximum 15,000 psi |
| Wetted materials | ≤ 750 psig stainless steel, aluminum, NBR, ceramic measuring element ≥ 1,000 psig stainless steel, thin-film measuring element |
| Housing material | Stainless steel |
| Power supply | 2 x 1.5V "AA" battery 4,000 hrs ("AA" 2,000 mAh) |
| Programmable functions | Adjustable through front key pad Tare ±20% of full scale range (optional) On/Off Adjustable automatic turn off (optional) Measuring Unit bar, psi, MPa (standard) |
| Temperature influence | Compensated 32 °F to 140 °F (0 °C to 60 °C) Effect ±0.15 % per 10K at zero and span Span effect is ±0.005 % full scale/ °F |
| Temperature ranges | Storage -4 °F to 158 °F (-20 °C to 70 °C) Media -22 °F to 185 °F (-30 °C to 85 °C) Ambient 14 °F to 140 °F (-10 °C to 60 °C) |
| Environmental rating | NEMA 4X (IP 65 according to EN60529/IEC529) |
| Electromagnetic rating | Compliant to EN 61326, EMI and ESD protection |
| Weight | 0.88 lb. |

| ORDERING INFORMATION | | | | | | | | |
|----------------------|--------------------------|----------------------|---|--------------------|------|----------------------|-------|-----------------------|
| SERIES | 1000 | | | | | | | |
| PRESSURE RANGES | 30/30 | -30 inHg to 30 psig | 30 | 0 psig to 30 psig | 1450 | 0 psig to 1,450 psig | 7500 | 0 psig to 7,500 psig |
| | 30/60 | -30 inHg to 60 psig | 60 | 0 psig to 60 psig | 2000 | 0 psig to 2,000 psig | 10000 | 0 psig to 10,000 psig |
| | 30/145 | -30 inHg to 145 psig | 145 | 0 psig to 145 psig | 3000 | 0 psig to 3,000 psig | | |
| | 30/300 | -30 inHg to 300 psig | 300 | 0 psig to 300 psig | 5000 | 0 psig to 5,000 psig | | |
| | 30/600 | -30 inHg to 600 psig | 600 | 0 psig to 600 psig | 6000 | 0 psig to 6,000 psig | | |
| | psig = gauge pressure | | Other ranges available on special request | | | | | |
| PROCESS CONNECTION | 2 1/4" NPT | | | | | | | |
| OPTIONS | 1 Peak Memory - Standard | | ORF Threaded Orifice | | | | | |
| | 6 Enhanced Software | | RCP Rubber Case Protector | | | | | |

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

EXAMPLE

