



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
- 3.31" 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

