

## FEATURES

- Fully stainless steel-diaphragm isolation structure.
- Easy to clean, easy to replace the battery.
- Excellent anti-vibration and anti-impact performance.
- Excellent stability.
- 3- times' life compares to the mechanical pressure gauge.

## APPLICATIONS

- Petroleum and chemical industry.
- Drugs manufacturing.
- Drinks equipment.
- Water treatment.
- Food machinery process pressure surveys and controls.

## BATTERY REPLACEMENT

Replace the gauge's battery, use a cross screwdriver to remove the two screws from the back plate of the gauge.

Unplug the battery cable from the terminals. Put a new battery into the holder, ensuring that it is firmly in place.

Make sure that polarity is correct. Install the cover firmly in place.



	SPECIFICATIONS
Ranges	0-1000 bar
Accuracy	±0.5%, 0.25% Full scale
Operating Temp.	14 to 140 °F (-10 to 60 °C)
Storage temp.	-4 to 158 °F (-20 to 70 °C)
Battery life	10,000 hours
Wetted materials	316 SS
Case size	80 mm
Case protection class	Weatherproof, IP65
Socket size	Standard 1/4", 1/2", 3/8" BSP, NPT, BSPT
Display	4-digit LCD
Measuring fluid	Air and liquid
Battery	Lithium battery (3V)
Life time of battery	One and a half years
Indication method	4 figures LCD digital indication
Net weight	About 457g (Battery included)
Pressure unit	bar, psi, kPa, MPa

### \* SPECIAL REQUEST

Please contact factory for special dial artwork and ranges.

INTK LLC  
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Berea, Ohio 44017  
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All specifications are subject to change without notice.  
All sale subject to standard terms and conditions.  
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✓ ORDERING INFORMATION

SERIES	<b>D500</b>							
PRESSURE RANGE	<b>60</b>	0 to 60 psi	<b>200</b>	0 to 200 psi	<b>1000</b>	0 to 1000 psi	<b>5000</b>	0 to 5000 psi
	<b>100</b>	0 to 100 psi	<b>300</b>	0 to 300 psi	<b>2000</b>	0 to 2000 psi	<b>10000</b>	0 to 10000 psi
	<b>160</b>	0 to 160 psi	<b>600</b>	0 to 600 psi	<b>3000</b>	0 to 3000 psi		
THREAD	<b>1/2"</b>	BSP	<b>1/2"</b>	NPT	<b>X:</b> Other			
	<b>1/4"</b>	BSP	<b>1/4"</b>	NPT				
	<b>3/8"</b>	BSP	<b>3/8"</b>	NPT				
EXAMPLE	<ul style="list-style-type: none"> <li>• Series .....D500</li> <li>• Pressure range .....600 psi</li> <li>• Thread ..... X</li> </ul> <p style="text-align: right; margin-right: 50px;">} — <b>D500-600-X</b></p>							

✂ OUTLINE DIMENSIONS

**D500**



- 1 | 3.14" (80 mm)
- 2 | 2.44" (62 mm)
- 3 | 1.06" (27 mm)



- 1 | 1.69" (43 mm)
- 2 | 5.11" (130 mm)
- 3 | 3.14" (80 mm)

**RESET**

**SET:** Allows for recalibration of zero  
**▲:** On/Off (Pressure for 3 seconds)