

 **FEATURES**

- Liquid filled for extended service life and shock resistance.
- Ranges available from vacuum to 10,000 psi.
- 2 ½ and 4" dial size.
- Bottom or back connection.
- 304 Stainless steel case.
- Copper alloy movement.
- High grade glycerine fill dampens the effects of pulsations, vibrations and shock loads.



 **APPLICATIONS**

- Hydraulic.
- Industrial applications where pulsation, vibration and shock are present.

 **OPERATING SPECIFICATIONS**

1. Working pressure limitations

a. **Dynamic Pressure:**

Working pressure should be limited to 60% of the dial range.

b. **Static Pressure:**

The working pressure, where no sharp fluctuations occur, should be limited to 90% of the dial range.

2. Media Temperature

0°F to 140°F (-18°C to 60°C).

3. Ambient Temperature

-4°F to 140°F (-20°C to 60°C).

	MODELS	SPECIFICATIONS
<b>Case</b>	All models	304 Stainless steel
<b>Bezel</b>	All models	304 Stainless steel
<b>Lens</b>	All models	Safety glass
<b>Bourdon tube</b>	Models below 1000 psi	Phosphor bronze "C" tube
	Models 1000 psi and above	Helical tube
<b>Connection</b>	63-300, 100-300	1/4" NPT Brass bottom connection
	63-310, 100-310	1/4" NPT Brass back connection
<b>Movement</b>	All models	Brass
<b>Accuracy</b>	63-300, 63-310	± 2.5% Full scale
	100-300, 100-310	± 2.0% Full scale
<b>Pointer</b>	All models	Aluminum black finish
<b>Dial</b>	All models	Aluminum white background with black psi scale and red kPa scale
<b>Liquid fill</b>	All models	Glycerine

**\* SPECIAL REQUEST**

Please contact factory for special dial artwork and ranges.

INTK LLC  
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Suite C-150, Houston, TX 77073  
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E-mail: [contact@intk-usa.com](mailto:contact@intk-usa.com) • [www.intk-usa.com](http://www.intk-usa.com)

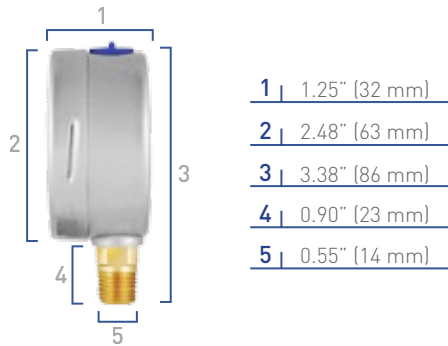
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☑ ORDERING INFORMATION

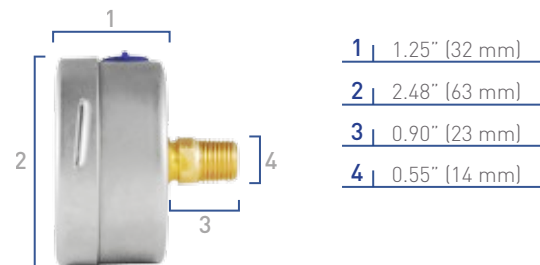
SERIES	<b>300</b>								
SIZE	<b>63</b>	2 1/2"	<b>100</b>	4"					
CONNECTION TYPE	<b>300</b>	Bottom connection			<b>310</b>	Back connection			
PRESSURE RANGES	<b>30"</b>	VAC	-30 in Hg vacuum to 0	<b>60</b>	0 to 60 psi	<b>300</b>	0 to 300 psi	<b>2000</b>	0 to 2000 psi
	<b>15</b>		0 to 15 psi	<b>100</b>	0 to 100 psi	<b>600</b>	0 to 600 psi	<b>3000</b>	0 to 3000 psi
	<b>30</b>		0 to 30 psi	<b>160</b>	0 to 160 psi	<b>1000</b>	0 to 1000 psi	<b>5000</b>	0 to 5000 psi
				<b>200</b>	0 to 200 psi	<b>1500</b>	0 to 1500 psi	<b>10000</b>	0 to 10000 psi
SCALE OPTIONS	<b>psi</b>	psi - kPa			Other scales available on request				
OPTIONS	<b>MIP</b>	Maximum indicating pointer							
EXAMPLE	<ul style="list-style-type: none"> <li>• Select dial size ..... 63</li> <li>• Select case and connection location ..... 300</li> <li>• Select pressure range and scale option ..... 100 psi</li> <li>• Select any required accessory or option ..... MIP</li> </ul>								<b>63-300-100-MIP</b>

✂ OUTLINE DIMENSIONS

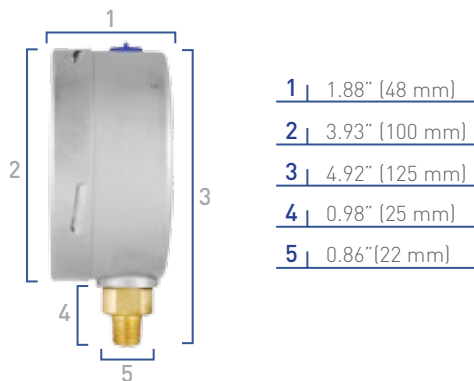
**63-300**



**63-310**



**100-300**



**100-310**

