HEDLAND
Pressure Indicators

VISTA-GAGE™
Pressure and Vacuum Gages

VISTA-CATOR™
Pressure and Vacuum Indicators

VISTA-MONITOR™
Accumulator Monitors

SHOP ONLINE at www.airlinehyd.com 800-999-7378
The Vista-Gage is a unique piston-type pressure indicator, specifically designed to withstand machine vibration, shock, pulsation, pressure surges and other rigorous conditions that create problems for conventional pressure gauges, with fragile bourdon tube mechanisms.

The Vista-Gage is ideal for heavy duty construction vehicles and other off-the-road mobile equipment, as well as hazardous industrial applications, such as injection molding or die casting operations.

And the Vista-Gage is easy (and less costly) to install. It can operate in any position, from vertical to horizontal. The cylindrical pressure indication scale provides full 360° readability. And, there is no need for snubbers, needle valves, isolator valves or other costly components to protect the gage.

**Hi-Pressure Gage Specifications:**

Materials of Construction: CA360 Brass Body with Stainless Steel Piston and Carbon Steel Spring, Hi Impact Resistant Lexan Lens and Cover.

Seal: Viton O-Ring and Tetralon 700 Shaft Ring

Pressure: 5000 PSI maximum (2:1 safety factor)

Temperature Range: -40°F to 240°F

Thread: 1/4" NPT

Indication Scale: Vertically graduated in PSIG and metric BAR increments, alternately positioned, enclosing 360° body cylinder.

Accuracy: ±5% of full scale.

**Table 1**

HI-PRESSURE GAGE ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Pressure Range</th>
<th>Dimensions</th>
<th>Wrench Flats</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>591-100</td>
<td>20-200 PSIG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>591-104</td>
<td>40-400 PSIG</td>
<td>4.25&quot;</td>
<td>1&quot;</td>
<td>7/8&quot;</td>
</tr>
<tr>
<td>591-106</td>
<td>50-800 PSIG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>591-110</td>
<td>100-1000 PSIG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>591-120</td>
<td>200-2000 PSIG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>591-130</td>
<td>250-3000 PSIG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>591-150</td>
<td>500-5000 PSIG</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Vista-Cator is a simple GO/NO-GO pressure indicator, with a broadband tri-color scale, designed to function as an emergency warning device in applications that do not require a precise indication of minor fluctuations in operating pressure.

The standard tri-color scale is divided into a safe (green) pressure range, a cautionary (yellow) pressure range and a danger (red) pressure range, giving an immediate visual warning, if pressure levels begin to exceed the acceptable operating range.

**Vista-Cator Specifications:**

Materials of Construction: CA360 Brass Body & Piston, Hi Impact Resistant Lexan Lens and Cover and Carbon Steel Spring.

Seal: Vacuum Diaphragm - EPM (Ethylene Propylene Rubber)

Lo PSI Diaphragm - Buna-N (60 & 100 PSI Models)

Hi PSI O-Ring - Viton O-Ring and Tetralon 700 Shaft Ring

Pressure: 5000 PSI maximum (2:1 safety factor)

Temperature Range: -40°F to 240°F

Thread: 1/4" NPT

Indication Scale: Tri-color scale is vertically divided into red (highest 1/3), yellow (mid 1/3) and green (lowest 1/3) of full PSI range.

Accuracy: ±5% of full scale

Dimensions: See standard Vista-Gage ordering information

1. Lo Pressure Gage - Table 3, Page 3
2. Hi Pressure Gage - Table 1, Page 2 Left

**Table 2**

VISTA-CATOR ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Pressure Range</th>
<th>Model Number</th>
<th>Green Color Band</th>
<th>Yellow Color Band</th>
<th>Red Color Band</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-60 PSIG</td>
<td>591-005</td>
<td>6-20 PSIG</td>
<td>20-40 PSIG</td>
<td>40-60 PSIG</td>
</tr>
<tr>
<td>10-100 PSIG</td>
<td>591-001</td>
<td>10-30 PSIG</td>
<td>30-65 PSIG</td>
<td>65-100 PSIG</td>
</tr>
<tr>
<td>20-200 PSIG</td>
<td>591-002</td>
<td>20-65 PSIG</td>
<td>65-135 PSIG</td>
<td>135-200 PSIG</td>
</tr>
<tr>
<td>40-400 PSIG</td>
<td>591-004</td>
<td>40-120 PSIG</td>
<td>120-260 PSIG</td>
<td>260-400 PSIG</td>
</tr>
<tr>
<td>50-600 PSIG</td>
<td>591-006</td>
<td>50-200 PSIG</td>
<td>200-400 PSIG</td>
<td>400-600 PSIG</td>
</tr>
<tr>
<td>100-1000 PSIG</td>
<td>591-010</td>
<td>100-350 PSIG</td>
<td>350-700 PSIG</td>
<td>700-1000 PSIG</td>
</tr>
<tr>
<td>200-2000 PSIG</td>
<td>591-020</td>
<td>200-700 PSIG</td>
<td>700-1400 PSIG</td>
<td>1400-2000 PSIG</td>
</tr>
<tr>
<td>250-3000 PSIG</td>
<td>591-030</td>
<td>250-1000 PSIG</td>
<td>1000-2000 PSIG</td>
<td>2000-3000 PSIG</td>
</tr>
<tr>
<td>500-5000 PSIG</td>
<td>591-050</td>
<td>500-1500 PSIG</td>
<td>1500-3250 PSIG</td>
<td>3250-5000 PSIG</td>
</tr>
</tbody>
</table>

* Specifications and dimensions are similar to standard gauge of similar pressure/vacuum range.
IN 60 & 100 PSI PRESSURE RANGES

The low pressure Vista-Gage offers you the same rugged features and operational reliability of the high pressure Vista-Gage, with the added safeguard of a built-in Buna-N diaphragm seal to eliminate the smallest possibility of a leak.

Lo-Pressure Gage Specifications:
- **Materials of Construction:** CA360 Brass Body & Piston, Brass Internal Shaft, Hi Impact Resistant Lexan Lens and Cover and Carbon Steel Spring.
- **Seal:** Buna-N Diaphragm
- **Pressure:** 5000 PSI maximum (2:1 safety factor)
- **Temperature Range:** -40°F to 240°F
- **Thread:** 1/4" NPT
- **Indication Scale:** Vertically graduated in PSIG and metric BAR increments, alternately positioned, encircling 360° body cylinder.
- **Accuracy:** ±5% of full scale.

**Table 3**
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Pressure Range</th>
<th>Dimensions</th>
<th>Wrench Flats</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>591-100</td>
<td>6-60 PSIG</td>
<td>4.25&quot;</td>
<td>1&quot;</td>
<td>7/8&quot;</td>
</tr>
<tr>
<td>591-101</td>
<td>10-100 PSIG</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

VACUUM RANGE TO 30" Hg

Designed to monitor vacuum pumps and other process system components in vacuum ranges to 30" mercury. This unique gage is able to withstand pulsations and surges well beyond its rated capacity, without damage. The built-in EPM* diaphragm seal eliminates the risk of leaks, making it ideal for rigorous industrial-class vacuum system applications that cause conventional bourdon tubes, bellow-types and standard diaphragm-type vacuum gages to fail prematurely.

Vacuum Gage Specifications:
- **Materials of Construction:** CA360 Brass Body & Piston, Brass Internal Shaft, Hi Impact Resistant Lexan Lens and Cover and Carbon Steel Spring.
- **Seal:** EPM Diaphragm (Ethylene Propylene Rubber)
- **Pressure:** 5000 PSI maximum (2:1 safety factor)
- **Temperature Range:** -40°F to 240°F
- **Thread:** 1/4" NPT
- **Indication Scale:** Vertically graduated in inches of Hg and metric mm Hg increments, alternately positioned, encircling 360° body cylinder.
- **Accuracy:** ±5% of full scale

**Table 4**
<table>
<thead>
<tr>
<th>Model Number</th>
<th>Vacuum Gage Range</th>
<th>Dimensions</th>
<th>Wrench Flats</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>591-199</td>
<td>3&quot; - 30&quot; Hg</td>
<td>5&quot;</td>
<td>1&quot;</td>
<td>7/8&quot;</td>
</tr>
</tbody>
</table>

* EPM - Ethylene Propylene Rubber can also be identified as EPDM
VISTA-MONITOR
ACCUMULATOR MONITORS

- PERMANENT ACCUMULATOR CHARGING VALVE WITH CONSTANT PRESSURE READOUT AND INTEGRAL BLEED VALVE
- AVAILABLE FOR MOST ACCUMULATOR MODELS (JUST REMOVE ACCUMULATOR VALVE CORE TO INSTALL)
- SMALL, COMPACT CYLINDRICAL DESIGN OFFERS 360° READABILITY
- WITHSTANDS SHOCK & OVERPRESSURIZATION
- NO BOURDON TUBE TO BLOW OUT
- NO NEEDLE TO BEND AROUND STOP PIN
- TOUGH LEXAN LENS & COVER

Accumulator-Monitor Specifications:

Materials of Construction: Black Oxide Steel Body, Brass Piston, Stainless Steel Internal Shaft, Carbon Steel Spring, Hi Impact Resistant Lexan Lens and Cover.
Seals: Buna-N O-Ring and Tetralon 700 Shaft Ring
Operating Pressure: 3000 PSI maximum
Temperature Range: -40°F to 240°F
Thread: See Ordering Information
Dimensions: Length – See Ordering Information
  Diameter – 1-1/84" (1.015")
  Wrench Flat – 7/8" (0.877")
Indication Scale: Vertically graduated in PSIG and metric BAR increments, alternately positioned, encircling 360° body cylinder.
Accuracy: ±5% of full scale

Table 5
ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Range</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-200 PSIG</td>
<td>594-102</td>
</tr>
<tr>
<td>40-400 PSIG</td>
<td>594-104</td>
</tr>
<tr>
<td>50-600 PSIG</td>
<td>594-106</td>
</tr>
<tr>
<td>100-1000 PSIG</td>
<td>594-110</td>
</tr>
<tr>
<td>200-2000 PSIG</td>
<td>594-120</td>
</tr>
<tr>
<td>250-3000 PSIG</td>
<td>594-130</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Port Thread</th>
<th>5/8 - 18 UNF 2B Thread</th>
<th>7/8 - 14 UNF 2B Thread</th>
<th>1/2 - 20 UNF 2A Thread</th>
<th>7/8 - 14 UNF 2B Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. Gage Length</td>
<td>4.53&quot;</td>
<td>4.94&quot;</td>
<td>4.94&quot;</td>
<td>5.88&quot;</td>
</tr>
</tbody>
</table>

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Printed in U.S.A. 5/01 Form H223

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