

# HEDLAND®

## *Pressure Indicators*



**VISTA-GAGE™**  
Pressure and Vacuum Gages



**VISTA-CATOR™**  
Pressure and Vacuum Indicators



**VISTA-MONITOR™**  
Accumulator Monitors

# VISTA-GAGE

## HI-PRESSURE GAGES



- ☐ RUGGED CYLINDRICAL DESIGN OFFERS 360° READABILITY
- ☐ WITHSTANDS SHOCK, VIBRATION AND OVERPRESSURIZATION
- ☐ ELIMINATES COSTLY SNUBBERS, NEEDLE VALVES & ISOLATOR VALVES
- ☐ NO BOURDON TUBE TO BLOW OUT
- ☐ NO NEEDLE TO BEND AROUND STOP PIN
- ☐ INSTALLS AT ANY ANGLE
- ☐ OPERATES WITH LIQUIDS OR GASES

# VISTA-CATOR

## PRESSURE INDICATORS



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, encircling 360° body cylinder.

**Accuracy:** ±5% of full scale.

**Table 1**  
**HI-PRESSURE GAGE ORDERING INFORMATION**

Model Number	Pressure Range	Dimensions		Wrench Flats	Shipping Weight
		Length	Width		
591-102	20-200 PSIG	4.25"	1"	7/8"	5.5 oz.
591-104	40-400 PSIG				
591-106	50-600 PSIG				
591-110	100-1000 PSIG				
591-120	200-2000 PSIG				
591-130	250-3000 PSIG				
591-150	500-5000 PSIG				

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**

Pressure Range	Model Number	Green Color Band	Yellow Color Band	Red Color Band
6-60 PSIG 1	591-000	6-20 PSIG	20-40 PSIG	40-60 PSIG
10-100 PSIG	591-001	10-30 PSIG	30-65 PSIG	65-100 PSIG
20-200 PSIG 2	591-002	20-65 PSIG	65-135 PSIG	135-200 PSIG
40-400 PSIG	591-004	40-120 PSIG	120-260 PSIG	260-400 PSIG
50-600 PSIG	591-006	50-200 PSIG	200-400 PSIG	400-600 PSIG
100-1000 PSIG	591-010	100-350 PSIG	350-700 PSIG	700-1000 PSIG
200-2000 PSIG	591-020	200-700 PSIG	700-1400 PSIG	1400-2000 PSIG
250-3000 PSIG	591-030	250-1000 PSIG	1000-2000 PSIG	2000-3000 PSIG
500-5000 PSIG	591-050	500-1500 PSIG	1500-3250 PSIG	3250-5000 PSIG

\* Specifications and dimensions are similar to standard gauge of similar pressure/vacuum range.

## VISTA-GAGE LO-PRESSURE GAGES



□ WITH BUILT-IN DIAPHRAGM TO ELIMINATE RISK OF LEAKS

□ OFFERING 360° READABILITY AND ALL OF THE OTHER VISTA-GAGE FEATURES/BENEFITS

## VISTA-GAGE VACUUM GAGE



### 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

#### LO-PRESSURE GAGE ORDERING INFORMATION

Model Number	Pressure Range	Dimensions		Wrench Flats	Shipping Weight
		Length	Width		
591-100	6-60 PSIG	4.25"	1"	7/8"	8 oz.
591-101	10-100 PSIG				

### 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

#### VACUUM GAGE ORDERING INFORMATION

Model Number	Vacuum Gage Range	Dimensions		Wrench Flats	Shipping Weight
		Length	Width		
591-199	3" - 30" Hg	5"	1"	7/8"	9 oz.

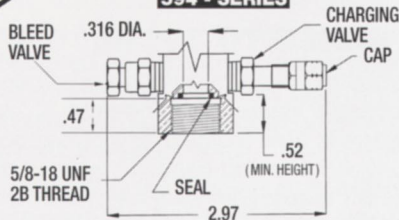
\* EPM - Ethylene Propylene Rubber can also be identified as EPDM

# VISTA-MONITOR ACCUMULATOR MONITORS

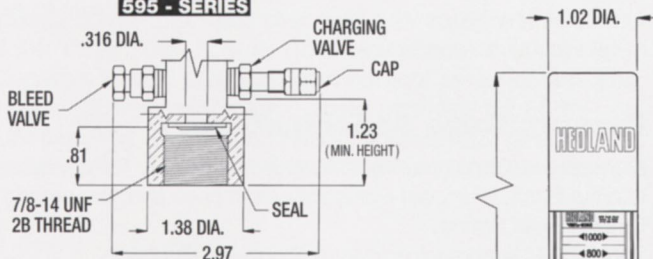
- PERMANENT ACCUMULATOR CHARGING VALVE WITH CONSTANT PRESSURE READOUT AND INTEGRAL BLEED VALVE
- AVAILABLE FOR MOST ACCUMULATOR MODELS (JUST REMOVE ACCUMULATOR VALVE CORE TO INSTALL)
- SMALL, COMPACT CYLINDRICAL DESIGN OFFERS 360° READABILITY
- WITHSTANDS SHOCK & OVERPRESSURIZATION
- NO BOURDON TUBE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



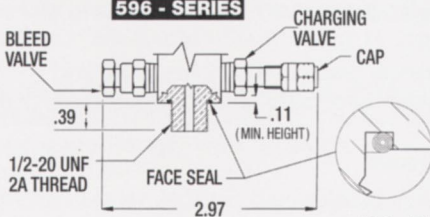
## 594 - SERIES



## 595 - SERIES

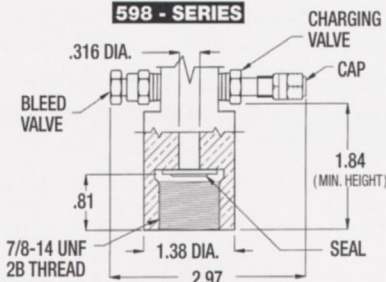


## 596 - SERIES



Note: This configuration will not seal in a SAE5 (J926/1) port.

## 598 - SERIES



## 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 – 1-1/64" (1.015")

Wrench Flat – 7/8" (0.875")

**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

Range	Model Number			
20-200 PSIG	594-102	595-102	596-102	598-102
40-400 PSIG	594-104	595-104	596-104	598-104
50-600 PSIG	594-106	595-106	596-106	598-106
100-1000 PSIG	594-110	595-110	596-110	598-110
200-2000 PSIG	594-120	595-120	596-120	598-120
250-3000 PSIG	594-130	595-130	596-130	598-130
Port Thread	5/8 - 18 UNF 2B Thread	7/8 - 14 UNF 2B Thread	1/2 - 20 UNF 2A Thread	7/8 - 14 UNF 2B Thread
Approx. Gage Length	4.63"	4.94"	4.94"	5.88"

# HEDLAND®

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