

Tuffgage Electronic Pressure Gauge

Model GT95



Complete System Readout

Gentran's Model GT 95 Tuffgage with flexible stem is a complete pressure system that includes a sensor and read-out gage. This unit provides the best value in solving your system requirements.

Easily Installed

The Tuffgage can be installed in any mounting position and can be specified with a cable length of 18", 24" or 30". The meter body can be rotated up to 180 degrees for ease of viewing.

Versatility

Gentran offers a variety of body lengths, thread dimensions and options for thermocouples to meet most applications. We also have the capability to custom design a special configuration to meet your needs.

Rugged and Durable

These units require very little maintenance and use no grease. Their rugged design, without fragile parts such as capillary or bourdon tubes, has been proven in almost every melt pressure application. The standard diaphragm material is 17-4 PH stainless steel, with others available for abrasive or corrosive applications.

Ordering Information

TYPICAL PART NUMBER

GT95 16 J C U Z1 -10K

GT95 Electronic Pressure Gauge		Barrel Length		Thermocouple Type		Diaphragm Material		Stem Position		"Z" Options		Pressure Range	
		6	6 inch "A" Length	J	"J" Type	None	17-4 PH SST	U	Up	None	Rigid Stem	5K	0-5,000
				K	"K" Type	C	Hard Chrome	D	Down	Z1	18" Integral Flexible Armored Cable	10K	0-10,000
		12	12 inch "A" Length	H	Hastelloy C-276					Z2	24" Integral Flexible Armored Cable		
				I	Inconel 718					Z3	30" Integral Flexible Armored Cable		
				N	Titanium Nitride- TiN								
				NN	Double Coated TiN								

THE GT95: ELECTRONIC PRESSURE GAUGE

The GT95 combines accurate, mercury-free Gentran technology with a reliable, illuminated readout gauge. This complete pressure system provides a low cost alternative to a more complex pressure measurement system. Plus, the low maintenance GT95 Gauges last two to six times longer than comparable units due to their lack of fragile parts such as capillary or bourdon tubes and through the GT95's use of thicker diaphragms.

Standard pressure ranges are from 0-5000 and 0-10000 psi at an accuracy of plus or minus three percent. Special ranges as low as 500 psi or as high as 15000 psi are also available as well as custom scales. "J" or "K" type thermocouple configurations may be designed by the factory to fit unique specifications.



Specifications: GT95

PERFORMANCE CHARACTERISTICS

Standard Ranges:
0-5,000 psig
0-10,000 psig
Display:
51 Segment LED bar graph with
over/under range indicators
Accuracy:
±2.0% of full scale
Repeatability:
±0.5% of full scale
Resolution:
±2.0% of full scale
Overload Pressure:
150% of rated range, no damage

ELECTRICAL CHARACTERISTICS

Power:
110/220 VAC
Wiring:
Internal terminal strip
Zero Adjustment:
±35% of full scale

PHYSICAL CHARACTERISTICS

Diaphragm:
Standard 17-4 PH
Stainless steel
Others include Hastelloy,
Hard Chrome Plate, Inconel 718
& Titanium Nitride.
Operating Temperature:
Diaphragm: 0-750 F
Display: 0-185 F
Pressure Fitting:
1/2 inch-20 UNF-2A
Probe Mounting Torque:
10 foot pounds minimum
20 foot pounds maximum
Weight:
2.5 to 3.0 lbs.

MOUNTING CHARACTERISTICS

Display:
Built-in mounting lug bracket supplied
Display configuration:
Face plate may be rotated 180
for stem up or down mounting
Display to Probe Distance:
18,29, or 30 inches, others optional

Dimensions