

## 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