



*Products*

*Specialty Gauges*



**Specialty**

**If You Need It - We Manufacture It**

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## Contact Gauges (Switch)

### Contact Gauges (Switch)

- **Dial Sizes:** 2 1/2", 4" or 6" of any McDaniel Gauge
- **Contacts:** Straight, Magnetic (Fast Make/Fast Break)
- **Contact Rating:** 0.25 amp at 380 volts
- **Contact Configuration:** Normally open or normally closed. (Please state at zero pressure).
- **Contact Arrangement:** One, two, three or four sets  
*Prices available on configurations (consult McDaniel Controls)*



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Test Gauges



## Test Gauges

### Standard Configuration

- **Case:** 6" Polymid "B" or 10" Cast Aluminum
- **Ranges:** All standard pressure ranges  
10 PSI up to 30,000 PSI
- **Accuracy:**  
1/4 of 1% (10,000 PSI and Below) ASME B40.1 - Grade 3A  
1/2 of 1% (15,000 PSI and Above) ASME B40.1 - Grade 2A
- **Bezel:** Brass Chrome Plated
- **Standard Connections:**  
1/4" NPT (Model Y)  
1/2" NPT (Model Z)
- **Lens:**  
6"= Safety Glass  
10"= Standard Glass
- **Parallax Mirror Dial**
- **Knife Edge Pointer**

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## Diaphragm Measuring Elements



### Diaphragm Measuring Elements

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### Great for Low Pressure or Viscous Service

- **Dial Sizes:**  
4" and 6"
- **Ranges:**  
Vacuum, Compound,
- **Construction Materials:**  
All SS or Poly "B" Case  
with Alloy Steel Housing

6" WC to 400 psi

Exotic Diaphragm Materials  
Available-Consult Factory

The **McDaniel Diaphragm Measuring Element** is a low cost reliable alternative to the conventional system of a separate chemical seal and pressure gauge. The diaphragm measuring element combines both a chemical seal and a pressure gauge into one compact economical unit.

The McDaniel Diaphragm Measuring Element is built to withstand the corrosive, highly viscous and crystallizing media (gaseous or liquid) typical of the process industry. It is especially well suited for applications in the chemical, petrochemical, pulp, and paper and food processing industries, in water and sewage treatment plants, and in electric power plants.

The advantages of the McDaniels Diaphragm Measuring Element over separate components include a reduced sensitivity to shock and vibration, and a more compact design. And since the McDaniel Diaphragm Measuring Element does not use a system filling liquid, the effects of temperature are reduced, it is easy to service, and it delivers exceptional accuracy at low pressure.

The McDaniel Diaphragm Measuring Element is designed to measure pressures as low as 0-6" WC and as high as 0-400 psi. Allowable overpressures are up to five times the full scale range, with a maximum of 400 psi.

In situations where pulsating pressure or vibration are severe, filling with glycerin, silicone, or Halocarbon® is recommended. For highly viscous or crystallizing fluids, the McDaniel Diaphragm Measuring Element can be fitted with an open lower flange. For very corrosive media, a variety of corrosion-resistant materials are available on special order.

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## eter Gauges



### 10" Large Diameter Gauges

**Standard Configuration**

- **Case:** Cast Aluminum
- **Bezel:** Alloy Steel
- **Dial Size:** 10"
- **Ranges:** Vac, Compound, 10 PSI up to 15,000 PSI
- **Internals:** Brass and Phosphorus Bronze
- **Accuracy:** 1% of Full Scale  
(ASME B40.1 - Grade 1A)

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## Refrigeration Gauges



## Refrigeration Gauges

	2 1/2" J Model R12 or R22	4" & 6" Poly B R12 or R22	2 1/2", 4" & 6" Ammonia, R12 or R22
30-0-160	All Ranges	30-0-160	
30-0-300	400 PSI and below	30-0-300	

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## Maximum/Minimum Pressure Pointer



## Maximum/Minimum Pressure Pointer

**Dial Sizes:**  
2.5", 4" 6"

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