

Facility Applications

Pressure and Temperature Instruments



Data Centers
Industrial Refrigeration
HVAC
Hospitals

REOTEMP

Temperature

Industrial Thermometer



Accuracy: $\pm 1\%$ full scale
Ranges: 30/240°F, others
Stem Lengths: 3.5", 6", 9"
Scale: 9"

Bimetallic Thermometer



Accuracy: $\pm 1\%$ full scale
Dial Size: 3", 4" or 5"
Stem Lengths: 2" to 80"
Ranges: Fahrenheit, Celsius,
or Dual Scale

RTD's and Thermocouples



RTD: 3-wire, 4-wire 100 Ω
Thermocouples: Type K, J, E
or T
Wide Variety of Head and
Stem Styles Available to Fit
any Custom Application

Thermowells



Material: A Multitude of
Materials Available Machined
from Solid Bar Stock
Styles: Threaded, Flanged and
Weld-in

Digital Thermometer



Accuracy: Less than $\pm 1\%$
Sensing Element: RTD, type
Pt1000 Ω , class A
Ranges: -58°F to 392°F or
-328°F to 1112°F
Mounting: Direct or Remote

Surface Thermometer



Accuracy: $\pm 3\%$
Dial Size: 2.5"
Ranges: Fahrenheit or Celsius
Magnetic or Pipe Mount

Pocket Thermometer



Accuracy: $\pm 1.5\%$
Dial Size: 1"
Stem Length: 5"
Pocket Protector with Clip

Tridicators



Measure Pressure and
Temperature Simultaneously
Dial Size: 2.5", 3"
Stem: 2.5"
Connections: 1/4" or 1/2"

Pressure

Contractor Gauge Series PN



Accuracy: $\pm 1\%$ full scale

Dial Size: 4.5", 6" or 8.5"

Wetted Materials: Brass

Case: Stainless Steel or Steel

Industrial Gauges PG Series



Accuracy: 1.5 - 2.5" = 3/2/3%
2.5" = 1.6%, 4" = 1%

Dial Size: 1.5", 2", 2.5", 4"

Wetted Materials: Copper Alloy

Case: Stainless Steel

Fillable Case

Industrial Gauges PM Series



Accuracy: 1.5 - 2.5" = 3/2/3%
2.5" = 1.6%, 4" = 1%

Dial Size: 1.5", 2", 2.5", 4"

Case: Stainless Steel

Wetted Materials: 316SS

Fillable Case

General Purpose Gauges



Accuracy: 3 - 2 - 3%

Dial Size: 1.5", 2", 2.5", 3.5", 4"

Wetted Materials: Copper Alloy

Case: Steel Case

Process Gauge Series PT45



Accuracy: $\pm 0.5\%$

Dial Size: 4.5"

Wetted Material: 316SS

Case: Phenolic, Thermoplastic

Heavy-Duty Gauges Series



Accuracy: $\pm 1\%$ full scale

Dial Size: 2.5", 3.5", 4", 6"

Wetted Material: 316SS

Case: Stainless Steel (Fillable)

Large Dial Boiler Gauges



Accuracy: $\pm 1\%$

Dial Size: 8", 10", 12"

Wetted Material: 316SS

Case: Cast Aluminum

Differential Pressure Gauges



Measure High/Low Pressures
Across Filters

Dial Size: 2.5", 3.5", 4.5", 6"

Accuracy: 3-2-3%

Process Limits: -40°F/200°F

Pressure Transmitters



4-20mA or VDC Output
Reading

Accuracy: 0.25%

Vacuum, Compound, Pressure
to 10,000psi

Hose Bib Gauges



Ideal for Measuring Water
Pressure on Residential and
Commercial Buildings

Accuracy: 3-2-3%

Dial Size: 2.5"

Connects to Standard Hose
Bib

Ammonia/Refrigeration Gauge



Pressure and Temperature
Scales

Scales: NH3 (Ammonia),
R404, R22, R417, & others

Dial Size: 2.5", 4", 6"

Low Pressure Gauge



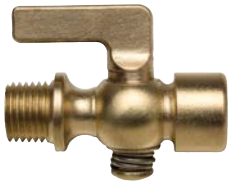
For Measuring 10" WC to 300"
WC

Dial Size: 2.5", 4", 4.5", 6"

Material: Brass or SS Wetted

Accessories and Testing

Gauge Cocks



Simple on/off valve used with air or natural gas at low pressures

Brass Construction

1/4" FXP & MXF

Handle: Tee or Lever

Ball Valve



Quarter Turn Valve Used for High Flow and Quick Shutoff

Material: Brass, CS, SS

Sizes: 1/4" - 2"

Port: Reduced or Full

Mini Valve



Low Cost Multiturn Valve Used for Throttling and High Pressure Applications

Material: Brass, CS, SS

Sizes: 1/8" or 1/4"

Handle: Round or Tee

Needle/Gauge Valve



Multiturn Valve with 1/4NPT and Greater Connections

Designed for Installation with Instrumentation

Material: CS or SS

Sizes: 1/4" - 2"

Pigtail Siphons



Protects Instrumentation by Cooling Process in Steam Service

Material: CS or SS

Size: 1/4" or 1/2"

Design: 90°, 180°, 270°, 360°

Snubbers



Ideal to Reduce Affect of Pulsation on Instrumentation

Material: CS or SS

Size: 1/4" or 1/2"

Types: Filtered or Piston

Test Plug (P/T)



Quick Test Option Without Shutting Down Line

Size: 1/8", 1/4", 1/2"

Nordel Seals Standard

Material: Brass or Stainless Steel

Adaptors



Obtain the Desired Connection Size

Material: Brass or Stainless Steel

Threaded, Flanged, or Weld

Test Gauges



Digital Accuracy: $\pm 0.1\%$

Mechanical Accuracy: $\pm 0.25\%$

Standard Connection: 1/4"

Used to Test Instruments

General Purpose Digital Gauge



Simple, Accurate, Battery Powered Pressure Reading

Accuracy: $\pm 1\%$ or 0.5%

Standard AAA Battery

Backlight Standard

Test Kit



Standard with Carrying Case:

1 Mechanical or Digital Pressure Gauge

2 Pocket Thermometers

1 Test Probe

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