

General Information

Precision engineering, meticulous quality and WIKA's local sources of supply are all yours with brass and steel cases when you specify WIKA.

Since 1946, WIKA Instrument Corporation has been advancing the world of pressure and temperature instrumentation. The company's full product line is ideal for a variety of applications within the petrochemical, power generation process, sanitary, medical and wastewater industries. The company's U.S. subsidiary is nestled in a sprawling 210,000 square-foot facility in metropolitan Atlanta.

Utilizing nothing less than state-of-the-art equipment and LeanSigma® manufacturing methodology, WIKA products are the ideal of precision, dependability and technology. With ranges from 30-4,000 PSI, WIKA gauges are available to meet practically every industrial gas, welding and gas plant requirement.

- Available with polished brass or brass painted steel cases.
- Pressure gauges of superior accuracy and quality.
- Low pressure gauges are equipped with C-shaped bourdon tubes
- Gauges 1000 PSI and above have a coiled bourdon tube for extra safety and longer service life.
- Pressure gauges of 1,500 PSI and above have a blowout safety relief and inlet pressure restrictor to protect the gauge and operator from possible damage or injury.

Data Sheets for the products listed below are located at, www.wika.com. They can be located under the "Products" tab select, Mechanical Pressure, then Commercial Gauges: Data Sheet Model Type 111.11.

Welding and Compressed Gas Gauges

Designed for long and reliable service under rugged conditions. Typical applications are for pumps, hydraulic and pneumatic systems, compressors, as a contractor's gauge, and for many other applications where the measured media does not corrode brass. Gauges should be selected so that the maximum working pressure represents 50-75% of the maximum gauge reading. Listed with Underwriters Laboratories and conform to ASME B40.100-2005 cleanliness level IV. Cleaned for oxygen service.

Size: 1.5" (40 mm), 2" (50 mm), 2.5" (63 mm)

Case: Polished brass or brass painted steel

Wetted Parts: Copper alloy

Window: Twist-lock polycarbonate

Dial: White aluminum with stop pin. "USE NO OIL" in red on dial.

Pointer: Black aluminum

Accuracy: ±3/2/3% of span, grade B, ASME B40.100-2005

Connection: 1.5" version - 1/8" NPT, lower mount (LM)
2" & 2.5" version - 1/4" NPT, lower mount (LM)



Maximum Pressure PSIG	Brass Case		Brass Painted Steel Case		
	2"	2.5"	1.5"	2"	2.5"
30		2X-30	2.5X-30		
30 Red line	2-30	2.5-30	1.5-30	2-30-S	2.5-30-S
60		2-60	2.5-60		
100	2-100	2.5-100	1.5-100	2-100-S	2.5-100-S
200	2-200	2.5-200		2-200-S	2.5-200-S
400	2-400	2.5-400	1.5-400	2-400-S	2.5-400-S
600	2-600	2.5-600			
1000	2-1000	2.5-1000			
2000	2-2000	2.5-2000			
3000	2-3000	2.5-3000			
4000	2-4000	2.5-4000	1.5-4000	2-4000-S	2.5-4000-S
Replacement lenses	BG-176	BG-177	BG-179	BG-176	BG-177

Cryogenic Gauges

WIKA center back mounted (CBM) pressure gauges are suitable as either original equipment or as replacements that will meet or exceed manufacturers' specifications. They are designed to deliver a long and safe operating life and are suitable for oxygen service.

Size: 2" (50 mm)

Case: Polished brass

Wetted Parts: Copper alloy

Window: Twist-lock polycarbonate

Dial: White aluminum with stop pin. "USE NO OIL" in red on dial.

Pointer: Black aluminum

Accuracy: ±3/2/3% of span, grade B, ASME B40.100-2005

Connection: 1/4" NPT, center back mount (CBM)



Maximum Pressure PSIG	Brass Case
	2"
100	2-100-CRYO
400	2-400-CRYO
600	2-600-CRYO
Replacement lenses	BG-176