

Low Pressure Gauges

Type 6X1.10

- **Black Steel Case**
- **Sensitive Capsule System**
- **Recalibration Screw on Dial**



WIKA Type 6X1.10 low pressure gauges are extremely sensitive and highly accurate. The pressure system capsule element is designed to measure pressure and vacuum of gaseous media from as low as 15" H₂O to 240" H₂O (10 PSI). An adjustment screw is located on the dial to re-zero the pointer. The finely polished nickel-silver pinion gear and shaft of the movement ensure repeatable accuracy.

Standard Features

- **Size:** 2" & 2½" (50 & 63 mm)
- **Case:** Black painted steel
- **Wetted Parts:** Copper alloy (611.10), Stainless steel (631.10)
- **Window:** Acrylic
- **Dial:** White aluminum
- **Pointer:** Black aluminum
- **Accuracy:** ± 1.5% of span

Brass movement with highly polished bearing surfaces; recalibration screw on dial

Available Options

- Chrome-plated or black-painted steel front flange (FF)
- Brass restrictor
- Black-painted steel rear flange (RF)
- Alternative connections
- Vacuum and overpressure safety
- Red set pointer on dial
- Instrument or safety glass
- Oxygen cleaning
- Low cost version 611.12 (no recalibration screw on dial)

Abbreviations

- LM - Lower Mount
- CBM- Center Back Mount

Data sheet: 6X1.10

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type		611.10			
Size		2"		2½"	
Connection		LM	CBM	LM	CBM
Conn. Size		1/4" NPT			
Vacuum Range (dual scale)					
"H ₂ O	mm H ₂ O				
0-30	0-760			9852344	9851852
0-60	0-1500			9748321	9748339
0-100	0-2500			9747473	9747465
Pressure Ranges (dual scale)					
"H ₂ O	mm H ₂ O				
0-15	0-380			9851682	9851860
0-30	0-760			9851690	9855785
0-60	0-1500			9851704	9803432
0-100	0-2500			9851810	9851879
0-200	0-5000			9851828	9851887
oz./sq. in.	mm H ₂ O				
0-10	0-440			9851771	
0-15	0-660			9851780	
0-20	0-880			9851798	
0-30	0-1320			9851747	9851917
0-35	0-1540			9851801	9857273
0-60	0-2640			9851755	9803548
oz./sq. in.	" H ₂ O				
0-20	0-34			9851720	9857281
0-32	0-55			9851739	9855793
Pressure Ranges (single scale)					
PSI					
3				9851925	9851836
5				9851933	9851844
10				4204212	4204221

Low Pressure Gauges

Type 612.20

- **Stainless Steel Case & Ring**
- **Copper Alloy Wetted Parts**
- **Recalibration Screw on Dial**



WIKA Type 612.20 low pressure gauges feature a copper alloy capsule element that is designed to measure pressure and vacuum of gaseous media from as low as 15" H₂O to 200" H₂O (5 PSI). The 4" dial size allows easy reading from a distance. The finely polished nickel-silver pinion gear and shaft of the movement ensure repeatable accuracy.

Standard Features

- **Size:** 4" (100 mm)
- **Case:** Stainless steel
- **Bayonet Ring:** Stainless steel
- **Wetted Parts:** Copper alloy
- **Window:** Instrument glass
- **Dial:** White aluminum
- **Pointer:** Black aluminum
- **Accuracy:** ± 1.5% of span

Brass movement with highly polished bearing surfaces; recalibration screw on dial

Available Options



- Stainless steel front flange (FF) or stainless steel rear flange (RF)
- Brass restrictor
- Chrome-plated or black-painted steel front flange (FF)
- Alternative connections
- Vacuum and overpressure safety
- Red set pointer on dial
- Acrylic or safety glass
- Oxygen cleaning
- Adjustable red set pointer on window

Abbreviations

- LM - Lower Mount
- CBM- Center Back Mount

Data sheet: 612.20

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	612.20		
Size	4"		
Connection	LM 	LBM 	
Conn. Size	1/4" NPT		
Vacuum Range (dual scale)			
"H ₂ O	mm H ₂ O		
0-30	0-760	9747724	
Pressure Ranges (dual scale)			
"H ₂ O	mm H ₂ O		
0-15	0-380	9747732	
0-30	0-760	9747740	
0-60	0-1500	9747758	
0-100	0-2500	9747766	
0-200	0-5000	9747775	
oz./sq. in.	mm water		
0-10	0-440		
0-15	0-660		
0-20	0-880		
0-30	0-1320		
0-35	0-1540		
0-60	0-2640		
oz./sq. in.	"H ₂ O		
0-20	0-34		
0-32	0-55		
Pressure Ranges (single scale)			
PSI			
3		9747783	
5		9747791	
10		4246684	

Low Pressure Gauges

Type 6X1.16

- **Black ABS Case**
- **Sensitive Capsule System**
- **Recalibration Screw on Dial**



WIKA Type 6X1.16 low pressure gauges are extremely sensitive and highly accurate. The pressure system capsule element is designed to measure pressure and vacuum of gaseous media from as low as 15" H₂O to 240" H₂O (10 PSI). Ideally this gauge works best in an application of gaseous non-corrosive media, such as low pressure pneumatic systems.

Standard Features

- **Size:** 2½" (68 mm)
- **Case:** Black ABS
- **Wetted Parts:** Copper alloy (611.16); Stainless steel (631.16)
- **Window:** Acrylic
- **Dial:** White aluminum
- **Pointer:** Black aluminum
- **Accuracy:** ± 1.5% of span

Brass movement with highly polished bearing surfaces; recalibration screw on dial

Available Options

- Black ABS front flange (FF)
- U-clamp bracket (UC)
- Stainless steel wetted parts (631.16)
- Brass restrictor
- Alternative connections
- Oxygen cleaning
- Red set on dial
- Drag pointer adjustable

Abbreviations

- LM - Lower Mount
- CBM - Center Back Mount

Data sheet: 6X1.16

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	611.16		
Size	2 ½"		
Connection	LM	CBM	
Conn. Size	1/4" NPT		
Vacuum Range (dual scale)			
" H ₂ O	mm H ₂ O		
0-30	0-760		
0-60	0-1500		
0-100	0-2500		
Pressure Ranges (dual scale)			
" H ₂ O	mm H ₂ O		
0-15	0-380		
0-30	0-760		
0-60	0-1500		
0-100	0-2500		
0-200	0-5000		
oz./sq. in.	mm H ₂ O		
0-10	0-440		
0-15	0-660		
0-20	0-880		
0-30	0-1320		
0-35	0-1540		
0-60	0-2640		
oz./sq. in.	" H ₂ O		
0-20	0-34		
0-32	0-55		
Pressure Ranges (single scale)			
PSI			
3			
5			
10			

Low Pressure Gauges

Type 6X2.34

- Rugged Thermoplastic Case
- Stainless Steel or Brass Wetted Parts
- Sensitive Capsule Movement



WIKA Type 6X2.34 low pressure process gauges offer accurate readings in harsh ambient conditions. They are able to measure the pressure of gaseous media from as low as 15" H₂O to 200" H₂O (5 PSI) or other equivalent units of pressure or vacuum. The finely polished nickel-silver pinion gear and shaft of the movement ensure repeatable accuracy.

Standard Features

- **Size:** 4½" (115 mm)
- **Case:** Black thermoplastic, solid-front
- **Ring:** Black thermoplastic, threaded
- **Wetted Parts:** 612.34 - copper alloy, 632.34 - 316 stainless steel
- **Window:** Acrylic
- **Dial:** White aluminum
- **Pointer:** Black aluminum, adjustable
- **Accuracy:** ± 2/1/2% of span (ASME B40.100 Grade A)

Available Options

- 4½" Panel mounting kit
- Brass restrictor
- Stainless steel restrictor
- Vacuum or overpressure safety
- Flat instrument glass
- Red set pointer on dial
- Alternate connections

Available options per special request:

Case filling (633.34) min. range 40" H₂O and up

Abbreviations

LM - Lower Mount

Data sheet: 6X2.34

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	612.34	632.34
Wetted Parts	Brass	316SS
Size	4½"	
Connection	LM	
Conn. Size	1/4" NPT	

Pressure Ranges (dual scale)

Outer Scale (black)	Inner Scale (red)		
0-10" H ₂ O	0-6 oz./in ²	4217063	4217187
0-15" H ₂ O	0-9 oz./in ²	4217071	4217195
0-20" H ₂ O	0-12 oz./in ²	4217080	4217209
0-30" H ₂ O	0-18 oz./in ²	4217098	4217217
0-40" H ₂ O	0-24 oz./in ²	4217101	4217225
0-60" H ₂ O	0-35 oz./in ²	4217110	4217233
0-80" H ₂ O	0-45 oz./in ²	4217128	4217241
0-100" H ₂ O	0-57 oz./in ²	4217136	4217250
0-150" H ₂ O	0-90 oz./in ²	4217144	4217268
0-5 PSI	0-10 "Hg	4217039	4217152
0-8 PSI	0-16 "Hg	4217047	4217161
0-10 PSI	0-20 "Hg	4217055	4217179

Note: 4½" panel mounting kit (uninstalled) including polished 304 stainless steel ring available.

Low Pressure Gauges

Type 63X.50

- **Stainless Steel Case & Ring**
- **Stainless Steel Wetted Parts**
- **Recalibration Screw on Dial**



Type 632.50 - Dry case
*Type 633.50 - Liquid filled case

WIKA Type 632.50 low pressure gauges offer the corrosion resistance of 316 stainless steel wetted parts able to measure pressure and vacuum of gaseous media from as low as 15" H₂O to 200" H₂O (5 PSI). The finely polished nickel silver pinion gear and shaft of the movement ensure repeatable accuracy.

Standard Features

- **Size:** 2½", 4" & 6" (63, 100 & 160 mm)
- **Case:** Stainless steel
- **Ring:** Polished stainless steel
- **Wetted Parts:** 316 stainless steel
- **Window:** Laminated safety glass
- **Dial:** White aluminum
- **Pointer:** Black aluminum
- **Accuracy:** ± 1.5% of span

Recalibration screw on dial

Available Options

- Stainless steel front flange (FF)
- Stainless steel rear flange (RF)
- Stainless steel restrictor
- Vacuum and overpressure safety
- Red set pointer on dial
- Drag pointer adjustable
- Alarm contacts (inductive only)
- Oxygen cleaning

Available options per special request:

Case filling: 4" & 6" only, for ranges 40" H₂O and up

Abbreviations

LM - Lower Mount

Data sheet: 632.50

Items shown with part numbers indicate readily available standard WIKA products. Items shown without part numbers are available on special order.

Type	632.50		
Size	2½"	4"	6"
Connection	LM / LBM	LM LBM	LM / LBM
Conn. Size	1/4" NPT	1/2" NPT	1/2" NPT
Compound Ranges			
5-0-5" H ₂ O		9804439	
10-0-10" H ₂ O		9804447	
15-0-15" H ₂ O		9804455	
15" H ₂ O-0-5 PSI		9804412	
Pressure Ranges ("H₂O)			
0-15" H ₂ O		9804323	
0-20" H ₂ O		9804471	
0-30" H ₂ O		9804315	
0-60" H ₂ O		9804498	
0-100" H ₂ O		9859314	
0-200" H ₂ O		9804501	
Pressure Ranges (PSI)			
0-5 PSI		9804307	
0-10 PSI		9804420	

*Not field fillable