

Pressure Gauge Accessories

Alternate Window Assemblies				
Gauge Size	Gauge Type	Window Type	Installed	Sold Separately
			Code	Part Number
2½"	611.10	Instrument glass ¹	GLS	1208152
	21X.40	Instrument glass	GLS	1208160
	21X.40	Safety glass	SG	1206761
	23X.30	High temp glass	HT	1327001
	23X.30	Instrument glass	GLS	1208195
	23X.30	Safety glass	SG	1613367
	23X.54	(PMMA) acrylic	PMMA	1397796
4"	612.20	Safety glass	SG	54380
	21X.40	Safety glass	SG	1208190
	2XX.54	PC/Lexan®	PC	1376675
4½"	2X2.34 / 632.34	Instrument glass	GLS	561134
	2X2.34 / 632.34	Safety glass	SG	561150
6"	2XX.34	Safety glass	SG	154075

Adjustable Pointers		
Gauge Size	Gauge Type	Sold Separately
		Part Number
2½"	232.54	1552813
	232.30	060992
4"	232.54	1398709
6"	232.50	061000

Liquid Fill Adders (Add to the list price of a liquid fillable gauge)				
Fill Type	2½"	4"	4½" ²	6"
Silicone				
	SIL	SIL	SIL	SIL
Halocarbon®				
	HALO	HALO	HALO	HALO
Fluorolube®				
	FLR	FLR	FLR	FLR

NOTE: Any discount that applies to a pressure gauge also applies to its related accessories. All "Assemblies" sold separately include any additional parts (i.e. screws, gaskets, etc.) needed for installation.

Notes:

¹ Includes black steel friction ring

² Includes installation of membrane and fill plug for LM only.

NOTE: Only inert (Halocarbon/Fluorolube) fill fluid is compatible for use with oxygen service

Pressure Gauge Accessories

Drag Pointer Assemblies					
Gauge Size	Gauge Type	Window Type	Reset Knob Type	Installed	Sold Separately
				Code	Part Number
2½"³	232.30³	Acrylic	Permanent	DP	759805
	213.40¹	Acrylic	Permanent	DP	738344 ⁴
	2XX.53³	Acrylic	Permanent	DP	1193864 ⁴
	2XX.54³	Acrylic	Permanent	DP	1416405
4"	213.40¹	Glass	Removeable	DP GLR	738352 ⁴
	213.40¹	Acrylic	Permanent	DP	1326651 ⁴
	213.40¹	Acrylic²	Permanent	DP	738395 ⁴
	2XX.53 / 2XX.54	Acrylic	Permanent	DP	1416570 ⁴
	2XX.53 / 2XX.54	Acrylic	Removeable	DP PMMAR	1410911
	232.30 / 232.50	Acrylic	Permanent	DP	1326635
	232.30 / 232.50	Acrylic²	Permanent	DP PMMA	1206133
	232.30 / 232.50	Acrylic	Removeable	DP PMMAR	738360
	232.30 / 232.50	Glass	Permanent	DP GL	1326678
	232.30 / 232.50	Glass²	Permanent	DP GL	738425
	232.30 / 232.50	Glass	Removeable	DP GLR	738387
	232.30 / 232.50	Safety glass	Permanent	DP SG	1326660
232.30 / 232.50	Safety glass²	Permanent	DP SG	738417	
232.30 / 232.50	Safety glass	Removeable	DP SGR	738379	
4½"	2X2.34	Acrylic	Permanent	DP	738441
	2X2.34	Acrylic	Removeable	DP PMMAR	738433
6"	232.50 / 312.20	Acrylic	Permanent	DP	738492
	232.50 / 312.20	Acrylic	Removeable	DP PMMAR	738450
	232.50 / 312.20	Glass	Permanent	DP GL	738506
	232.50 / 312.20	Glass	Removeable	DP GLR	738476
	232.50 / 312.20	Safety glass	Permanent	DP SG	738484
	232.50 / 312.20	Safety glass	Removeable	DP SGR	738468
Attach "removeable" knob with permanent adhesive				2069334	

Notes:

¹ Minimum pressure range of 160 psi is required. Due to its high viscosity, the standard glycerine filling is replaced with a glycerine/water filling.

Accuracy is reduced to ± 5.0% of full span.

² Use for pressures equal to or below 30 psi full span.

³ For 2½" drag pointers: For pressure ranges ≤100 psi ; Additional accuracy reduction: DRY: ±3%FS, LF:±5%

For pressure ranges > 100 psi; Additional accuracy reduction: DRY: ± 1.5%FS, LF:±3%

⁴ Special tooling required for Part Numbers 738344, 1193864, 738352, 1326651, 738395 & 1416570

Certificates of Calibration

Traceable to NIST standards

NIST Standard	Part Number
± 0.1% accuracy (Type 342.XX)	CC
± 0.25% accuracy (Type 3X2.20 / 332.X4)	CC
± 0.5% to ±3/2/3% accuracy¹	CC

¹Any discount that applies to a pressure gauge also applies to this NIST certificate

Certifying Gauges to ASME B40.100 Cleanliness Level IV

(Includes cap on socket. Individually bagged and labeled)

Gauge Type	Sold Separately
111.XX	2250578
2X2.53, 2X2.54, 132.53, 2X2.34 LM, 2X2.25HR, & 332.54	2250560
712.XX	2250586

NOTE: Any discount that applies to a pressure gauge also applies to its related accessories. All "Assemblies" sold separately include any additional parts (i.e. screws, gaskets, etc.) needed for installation.

Accessories >> General Information > Pressure Gauge Accessories

Pressure Gauge Accessories

Front Flange Assemblies - Sold Separately (Includes screws to mount to case where necessary)				
Gauge Size	Fits Gauge	Description	Mounting	Part Number
2"	111.12	Black painted steel	Screw retained ²	1327080
	111.12	Chrome plated steel	Screw retained ²	1327082
	21X.53	Stainless steel polished	Arbor press ¹	1184954
2½"	111.12	Black painted steel	Screw retained ²	1327084
	111.12	Chrome plated steel	Screw retained ²	1327086
	113.13	Black ABS plastic	Snap-fit	572861
	213.40	Brass polished	Screw retained	1327116
	213.40	Chrome plated steel	Screw retained	1327118
	213.40	Stainless steel polished	Screw retained	1327114
	23X.30/50	Stainless steel polished	Bayonet	50618393
	2XX.53	Stainless steel polished	Arbor press ¹	4005899
	23X.54	Stainless steel polished	Arbor press ¹	4005902
	611.10	Chrome plated brass (CBM)	Screw retained	659606
611.10	Black painted steel (CBM)	Screw retained	659614	
4"	212.20	Stainless steel polished	Bayonet lock	659576
	213.40	Chrome plated brass	Screw retained	501115
	2XX.53 / 54	Stainless steel polished	Arbor press ¹	1418556
	232.30/50	Stainless steel polished	Bayonet lock	659576
	612.20	Stainless steel polished	Bayonet lock	659576
4½" Panel Adapters	632.50	Stainless steel polished	Bayonet lock	659576
	213.40	Stainless steel polished	Screw-retained	738549
	2XX.53/2XX.54	Stainless steel polished	Arbor press ¹	1653903
6"	2XX.34	Stainless steel polished	Hand-threaded	738581
	212.20	Stainless steel polished	Bayonet lock	659584
	232.30/50	Stainless steel polished	Bayonet lock	659584
	312.20	Stainless steel polished	Bayonet lock	659584

Rear Flange Assemblies - Sold Separately (Includes screws to mount to case where necessary)				
Gauge Size	Fits Gauge	Description	Mounting	Part Number
2½"	213.40	Polished brass	Screw retained ²	1206621
	2XX.53	Polished stainless steel	Snap-fit, crimp tab ³	1491695
	2XX.54	Polished stainless steel	Snap-fit, crimp tab ³	2256096
4"	111.10	Black ABS plastic	Screw-retained	1207555
	213.40	Chrome plated brass	Screw retained ²	1206630
	2XX.53	Polished stainless steel	Snap-fit, crimp tab ³	1572865
4½"	2XX.54	Polished stainless steel	Snap-fit, crimp tab ³	1572865
	111.25	Satin-finish stainless steel	Spot welded	4001605
6"	212.20	Polished stainless steel	Spot welded	1353217
	312.20	Polished stainless steel	Spot welded	1353217
	23X.50	Polished stainless steel	Spot welded	1353217

Notes:

¹ Special arbor press and fixtures required for installation. Contact factory for price and availability of press and fixtures.

² Special case required. Must be factory installed.

³ Rear flange snaps onto case. Two tabs must be crimped to secure flange to the case. Special tool available. Contact factory.

NOTE: Any discount that applies to a pressure gauge also applies to its related accessories. All "Assemblies" sold separately include any additional parts (i.e. screws, gaskets, etc.) needed for installation.

For datasheets and additional information, please visit www.wika.com or call 1-888-945-2872.

ACCESSORIES

U-clamp Assemblies - Sold Separately

Includes profile ring, bracket, & screws (where necessary)

Gauge Size	Fits Gauge	Profile Ring Material	Bracket Material	Mounting	Part Number
2"	21X.53	Polished stainless steel	Zinc plated steel	Twist-on socket	1184890
2 1/2"	213.40	Chrome plated steel	Zinc plated steel	Screw retained	0659665
	2XX.53	Polished stainless steel	Zinc plated steel	Snap-fit bracket	9092331
	2XX.53	Polished stainless steel	Stainless steel	Snap-fit bracket	1405829
	23X.54	Polished stainless steel	Zinc plated steel	Snap-fit bracket	1410334 ²
	23X.54	Polished stainless steel	Stainless steel	Snap-fit bracket	1410342 ²
4"	213.40	Chrome plated steel	Zinc plated steel	Screw retained	659673
	2XX.53	Polished stainless steel	Zinc plated steel	Snap-fit bracket	1487850
	2XX.53	Polished stainless steel	Stainless steel	Snap-fit bracket	1487841
	23X.54	Polished stainless steel	Zinc plated steel	Arbor press ¹	1410318
	23X.54	Polished stainless steel	Stainless steel	Arbor press ¹	1410326

Individual Restrictors - Sold Separately

Gauge Size	Description	Thread	Orifice	Part Number
212.20/21X.34	Brass threaded	M4	.023" (.6mm)	0004324
26X.34	Monel® threaded	M4	.023" (.6mm)	0607797
111.10/111.12/21X.53	Brass, press-in	--	.012" (.3mm)	0525340
All others	SS threaded for 1 1/2", 2", 2 1/2"	M3.5	.012" (.3mm)	0165522
	SS threaded for 2 1/2" ³ , 4", 4 1/2" & 6"	M4	.023" (.6mm)	0029122
	Brass threaded	M3.5	.020" (.5mm)	0030872

Miscellaneous Accessories

Gauge Size	Fits Gauge	Description	Part Number
2 1/2"	111.10 / 113.13 / 21X.53 / 23X.53 / 23X.50	Blue rubber cover - LM	9090894
	111.10 / 113.13 / 21X.53 / 23X.53 / 23X.50	Red rubber cover - LM	9090886
	111.12 / 21X.53 / 23X.53 / 23X.50	Blue rubber cover - CBM	2169542
4"	13X.53 / 21X.53 / 23X.53 / 23X.50	Blue rubber cover - LM	9090916
2"	111.12	Clear plastic adaptor ring ⁴	644838
	111.12	Black plastic adaptor ring ⁴	1601105
2 1/2"	111.12	Clear plastic adaptor ring ⁴	646989
	111.12	Black plastic adaptor ring ⁴	658332

¹ Installation requires special tooling. Contact factory for more information

² Includes U-Clamp and standoff ring

³ Use M4 size restrictor for current type 23X.5X with welded case-to-socket connection

⁴ For CBM only

Threaded restrictors require gauges to have an internal tap.

(Internal tap is standard on all 4 1/2" type 2xx.34 process gauges).

Press-in restrictors require a special tool for insertion.

Pressure Gauge Tools

Description	Part Number
Cover ring remover for Type 213.40 - 2 1/2"	1456784
Pointer puller tool	9091823
Spare tip for pointer puller tool	1400401
Threaded ring tool (for Type 2XX.34- 4 1/2")	1031589
Pointer puller adaptor for "Long-Hub"	
Pointers (use with #9091823 above)	2246954

Fill Liquids - Sold Separately

Fill Liquid	Size (Volume)	Part Number
Glycerine	Gallon (128 oz.)	251
	Squirt bottle (8 oz.)	204
Silicone oil	Gallon (128 oz.)	279
	Squirt bottle (8 oz.)	207
Halocarbon®	Squirt bottle (8 oz.)	206
Fluorolube®	Squirt bottle (8 oz.)	277

NOTE: Any discount that applies to a pressure gauge also applies to its related accessories. All "Assemblies" sold separately include any additional parts (i.e. screws, gaskets, etc.) needed for installation.

Tags

Size	Fits Gauge	Description	Code
All	All	SS tag (attached) with up to 10-char single-line imprint	TAG
All	All	Paper tag	PTAG

Pressure Gauge Accessories

Standard Pressure Ranges for all Sizes (All ranges not stocked)					
Single Scale Ranges			Dual Scale Ranges (psi / ...)		
psi	bar	kPa	/kg-cm ²	/bar	/kPa
30"Hg/0 (VAC)	-1	-100	-1	-1	-100
30"Hg/0/15 psi	-1 / +1	-100 / +100	-1 / +1	-1 / +1	-100 / +102
30"Hg/0/30 psi	-1 / +2.5	-100 / +250	-1 / +2.1	-1 / +2	-100 / +205
30"Hg/0/60 psi	-1 / +4	-100 / +400	-1 / +4.2	-1 / +4	-100 / +410
30"Hg/0/100 psi	-1 / +6	-100 / +600	-1 / +7	-1 / +6.8	-100 / +680
30"Hg/0/160 psi	-1 / +10	-100 / +1,000	-1 / +11	-1 / +11	-100 / +1,100
30"Hg/0/200 psi	-1 / +16	-100 / +1,600	-1 / +14	-1 / +13.5	-100 / +1,380
0/10	0/0.6	0/60	--	--	0/69
0/15	0/1	0/100	0/1.04	0/1.02	0/100
0/30	0/2.5	0/250	0/2.1	0/2.05	0/200
0/60	0/4	0/400	0/4.2	0/4.1	0/410
0/100	0/6	0/600	0/7	0/6.8	0/690
0/160	0/10	0/1,000	0/11.2	0/11	0/1,100
0/200	0/16	0/1,600	0/14	0/13.5	0/1,350
0/300	--	--	0/21	0/20.5	0/2,050
0/400	0/25	0/2,500	0/28	0/27	0/2,700
0/600	0/40	0/4,000	0/43	0/41	0/4,100
0/800	--	--	0/56	0/55	0/5,400
0/1,000	0/60	0/6,000	0/70	0/68	0/6,800
0/1,500	0/100	0/10,000	0/104	0/102	0/10,200
0/2,000	0/160	0/16,000	0/140	0/135	0/13,500
0/3,000	0/250	0/25,000	0/210	0/205	0/20,500
0/5,000	--	--	0/350	0/340	0/34,000
0/6,000	0/400	0/40,000	0/420	0/410	0/41,000
0/7,500			0/530	0/517	0/50,000
0/10,000	0/600	0/60,000	0/700	0/690	0/68,000
0/15,000	0/1,000	0/100,000	0/1,050	0/1,030	0/102,000
0/20,000	0/1,600	0/160,000	0/1,400	0/1,380	0/137,000

PSI / Ft. H ₂ O Dual Scales For Type 2XX.34 - 4 1/2"	
PSI	Ft. H ₂ O
30/0/15	-34/0/34
30/0/30	-34/0/70
30/0/60	-34/0/140
15	34
30	70
60	140
100	230
160	370
200	460

NOTE:
WIKA is capable of producing almost any type of custom artwork, including special scales, fonts and logos. Please contact your WIKA distributor or the factory for availability, price and lead times.

To order type 2XX.34 gauges with dual scale psi/ft. H₂O dials, specify gauge part number + the following numbers:

XXX = psi range desired

Ex: 232.34 4 1/2" XXX / psi / ft. H₂O 1/2" L