

Industrial Gauges

Type 23X.30

- Solid-Front Safety Case Design
- All Stainless Steel Construction
- High-Quality Process Industry Gauge



Type 232.30 - Dry case
Type 233.30 - Liquid filled case (LM only)

WIKA Type 23X.30 stainless steel gauges have a solid-front/blow-out back safety case. This gauge is an ideal choice for process, chemical, petrochemical, oil exploration and production, power generation applications, and any other application which demands reliable pressure measurement instrumentation.

Standard Features

- **Nominal Case Size:** 2½" (68 mm), 4" (100 mm), 4½" (115 mm), 6" (160 mm)
- **Case Material:** 304 stainless steel
- **Wetted Parts:** 316L SS
- **Window Type & Material:** Polycarbonate (2½"), Safety glass (4", 4½" and 6")
- **Removable Window:** Yes, twist-off bayonet
- **Dial Material:** White aluminum
- **Bezel Ring Type & Material:** Twist-on bayonet ring- SS
- **Liquid Fillable Gauge:** Yes, lower mount
- **Case-to-Socket O-ring Material:** No, welded
- **"Other" Gaskets/O-ring Types & Materials:** Window gasket, BUNA-N
- **Pointer Material/Type:** Black aluminum - adjustable
- **Accuracy:** (2½") ±2/1/2% of span ASME B40.100 Grade A; (4", 4½" & 6") ±1% of span ASME B40.100 Grade 1A
- **Connection Locations:** LM (lower mount): all LBM (lower back mount): 2½" and 4"
- **Media Operating Temperature:** Max. 212°F - liquid fill max. 392°F - dry
- **Ambient Operating Temperature:** -40°F to 140°F dry; -4°F to 140°F glycerine case fill; -40°F to 140°F- silicone case fill

Available Options

- "Dampened Movement" Option: Yes
- U-Clamp Bracket: No
- Front Flange: Yes (LBM only)
- Rear Flange: Yes
- Restrictor: Yes
- Safety Glass Window: Yes
- Drag Pointer (maximum reading indicator): Yes
- Cleaned for Use in Oxygen Service: Yes
- Magnetic or Inductive Contact Switches: Yes
- Receiver Gauge Scales: Yes
- Special Connection: Limited wrench to flat area

Note: For options not shown - consult your WIKA Distributor or the Factory.

¹PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red.
Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Items without part numbers are available - consult factory.

Additional accessories available - see "Accessories" section in back of catalog

Datasheet: 23X.30

| Type | 232.30 (Dry) | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Data Sheet | 23X.30 | | | |
| Size | 2½" | | | |
| Conn. Size | ¼" NPT | | | |
| Connection | LM | | LBM | |
| Pressure Scale¹ | PSI | PSI/KG/CM² | PSI | PSI/KG/CM² |
| List Price | \$102.60 | \$102.60 | \$108.82 | \$108.82 |
| 30" Hg | 9305645 | 9695600 | 9367071 | 9695783 |
| 30"-0-15 psi | 9365044 | 9695618 | 9365079 | |
| 30"-0-30 psi | 9314822 | 9695626 | 9481486 | |
| 30"-0-60 psi | 9305378 | | 9197141 | |
| 30"-0-100 psi | 9542353 | | 9319646 | |
| 30"-0-160 psi | 9365052 | | 9469168 | |
| 30"-0-200 psi | 9367250 | | | |
| List Price | \$96.42 | \$96.42 | \$102.64 | \$102.64 |
| 10 psi | N/A | N/A | N/A | N/A |
| 15 psi | 9305653 | 9695635 | 9244808 | 9695791 |
| 30 psi | 9240160 | 9695643 | 9244816 | 9695805 |
| 60 psi | 9240179 | 9695651 | 9244832 | 9695813 |
| 100 psi | 9240187 | 9695669 | 9244840 | 9695821 |
| 160 psi | 9240195 | 9695677 | 9244859 | 9695839 |
| 200 psi | 9240209 | 9695685 | 9244867 | 9695847 |
| 300 psi | 9240217 | 9695694 | 9244875 | 9695855 |
| 400 psi | 9240225 | 9695707 | 9244883 | 9695864 |
| 600 psi | 9240233 | 9695715 | 9244905 | 9695872 |
| 800 psi | | | | |
| 1,000 psi | 9240411 | 9695724 | 9244913 | 9695880 |
| List Price | \$109.86 | \$109.86 | \$116.08 | \$116.08 |
| 1,500 psi | 9240420 | 9695732 | 9244921 | |
| 2,000 psi | 9240438 | 9695740 | 9244930 | 9695898 |
| 3,000 psi | 9240446 | 9695758 | 9244948 | 9695902 |
| 5,000 psi | 9240454 | 9695766 | 9244956 | 9695910 |
| 10,000 psi | 9305661 | 9695775 | 9244964 | |
| List Price | \$135.70 | \$135.70 | \$141.92 | \$141.92 |
| 15,000 psi | 9482644 | | 9153810 | |
| 20,000 psi | N/A | N/A | N/A | N/A |

| Accessories (installed) Applies to any quantity when added to standard stock gauges | | | |
|--|-----|----------------|----------------|
| FF, | N/A | | \$44.84 |
| SS FF | | | FF |
| RF, | | \$56.19 | |
| SS RF | | RF | |
| Restrictor, | | \$6.18 | |
| 316 SS R | | R | |

| Type | 232.30 (Dry) | | | |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Data Sheet | 23X.30 | | | |
| Size | 4" | | | |
| Conn. Size | ½" NPT | | | |
| Connection | LM | | LBM | |
| Pressure Scale¹ | PSI | PSI/KG/CM² | PSI | PSI/KG/CM² |
| List Price | \$162.02 | \$162.02 | \$182.39 | \$182.39 |
| 30" Hg | 9366750 | 9695928 | 8596271 | 9696045 |
| 30"-0-15 psi | | | | |
| 30"-0-30 psi | 9366776 | | 9562559 | |
| 30"-0-60 psi | | | | |
| 30"-0-100 psi | | | | |
| 30"-0-160 psi | | | | |
| 30"-0-200 psi | | | | |
| List Price | \$159.53 | \$159.53 | \$179.90 | \$179.90 |
| 15 psi | 9366830 | | 9253289 | |
| 30 psi | 9366849 | 9695936 | 9253270 | |
| 60 psi | 9366857 | 9695945 | 8596298 | |
| 100 psi | 9366865 | 9695953 | 9253084 | |
| 160 psi | 9366873 | | 8596301 | |
| 200 psi | 9366881 | | 9253076 | |
| 300 psi | 9366890 | 9695961 | 9821082 | |
| 400 psi | 9366903 | 9695979 | 8542805 | |
| 600 psi | 9366911 | 9695987 | 9253050 | |
| 800 psi | | | | |
| 1,000 psi | 9366938 | 9695995 | 8513554 | |
| List Price | \$174.07 | \$174.07 | \$194.44 | \$194.44 |
| 1,500 psi | 9366946 | | 8541574 | |
| 2,000 psi | 9366954 | 9696003 | | |
| 3,000 psi | 9366962 | 9696011 | | |
| 5,000 psi | 9366970 | 9696029 | | |
| 10,000 psi | 9366989 | | | |
| List Price | \$207.66 | \$207.66 | \$228.03 | \$228.03 |
| 15,000 psi | 9366997 | | | |
| 20,000 psi | 8596336 | 9696037 | | |

Accessories (installed) Applies to any quantity when added to standard stock gauges

| | | |
|------------|-----|----------------|
| FF | N/A | \$49.22 |
| SS FF | | FF |
| RF | | \$56.19 |
| SS RF | | RF |
| Restrictor | | \$6.18 |
| 316 SS R | | R |

¹PSI/KG/CM² denotes dual scale; PSI outside in black, KG/CM² inside in red.
Note: Vacuum scale: 30" Hg outside in black; 760 mm Hg inside in red.

Items without part numbers are available - consult factory.

| | | |
|-------------------|-----------------|-----------------|
| Type | 232.30 (Dry) | |
| Data Sheet | 23X.30 | |
| Size | 4½" | |
| Conn. Size | ½" NPT | |
| Connection | LM | |
| Pressure Scale | PSI | PSI/BAR |
| List Price | \$182.34 | \$182.34 |
| 30" Hg | 50756966 | |
| 30"-0-15 psi | 50756974 | |
| 30"-0-30 psi | 50756991 | |
| 30"-0-60 psi | 50757008 | |
| 30"-0-100 psi | 50757016 | |
| 30"-0-160 psi | 50757024 | |
| 30"-0-200 psi | 50757032 | |
| List Price | \$179.73 | \$179.73 |
| 15 psi | 50757041 | 50757342 |
| 30 psi | 50757059 | 50757351 |
| 60 psi | 50757067 | 50757377 |
| 100 psi | 50757075 | 50757393 |
| 160 psi | 50757083 | 50757415 |
| 200 psi | 50757091 | 50757440 |
| 300 psi | 50757105 | 50757474 |
| 400 psi | 50757148 | 50757482 |
| 600 psi | 50757156 | 50757491 |
| 800 psi | 50757172 | 50757512 |
| 1,000 psi | 50757202 | 50757521 |
| List Price | \$194.27 | \$194.27 |
| 1,500 psi | 50757229 | 50757547 |
| 2,000 psi | 50757253 | 50757555 |
| 3,000 psi | 50757261 | 50757580 |
| 5,000 psi | 50757270 | 50757610 |
| 10,000 psi | 50757296 | 50757628 |
| List Price | \$227.86 | \$227.86 |
| 15,000 psi | 50757318 | 50757644 |
| 20,000 psi | | |

| | | | | |
|-------------------|----------------------------------|-----------------|-----------------|-----------------|
| Type | 233.30 (Liquid Filled) - LM only | | | |
| Data Sheet | 23X.30 | | | |
| Connection | LM | | | |
| Conn. Size | ¼" NPT | | ½" NPT | |
| Size | 2½" | | 4" | |
| Pressure Scale¹ | PSI | PSI/KG/CM² | PSI | PSI/KG/CM² |
| List Price | \$106.68 | \$106.68 | \$178.08 | \$178.08 |
| 30" Hg | 9305637 | 9696054 | | |
| 30"-0-15 psi | 9366580 | | | |
| 30"-0-30 psi | 9364994 | 9696062 | | |
| 30"-0-60 psi | 9366598 | | | |
| 30"-0-100 psi | 9367853 | | | |
| 30"-0-160 psi | 9319638 | 9696070 | | |
| 30"-0-200 psi | 9637141 | | | |
| List Price | \$100.63 | \$100.63 | \$175.99 | \$175.99 |
| 15 psi | 9305394 | 9696088 | 9361081 | 9696240 |
| 30 psi | 9251618 | 9696096 | 9361090 | 9696258 |
| 60 psi | 9251626 | 9696100 | 9361103 | 9696266 |
| 100 psi | 9251634 | 9696118 | 9361111 | 9696275 |
| 160 psi | 9251642 | 9696126 | 9361120 | 9696283 |
| 200 psi | 9251650 | 9696135 | 9361138 | 9696291 |
| 300 psi | 9251669 | 9696143 | 9361146 | 9696305 |
| 400 psi | 9251677 | 9696151 | 9361154 | 9696313 |
| 600 psi | 9251685 | 9696169 | 9361162 | 9696321 |
| 800 psi | 9251693 | | 9361170 | |
| 1,000 psi | 9251707 | 9696177 | 9361189 | 9696339 |
| List Price | \$114.07 | \$114.07 | \$190.13 | \$190.13 |
| 1,500 psi | 9251715 | 9696185 | 9361197 | 9696347 |
| 2,000 psi | 9251723 | 9696194 | 9361200 | 9696355 |
| 3,000 psi | 9251731 | 9696207 | 9361219 | 9696364 |
| 5,000 psi | 9251740 | 9696215 | 9361227 | 9696372 |
| 10,000 psi | 9305629 | 9696224 | 9361235 | 9696380 |
| List Price | \$177.94 | \$177.94 | \$223.72 | \$223.72 |
| 15,000 psi | 9542345 | 9696232 | 9361243 | 9696398 |
| 20,000 psi | N/A | | 9829601 | 9696402 |

Accessories (installed) Applies to any quantity when added to std. stock gauges

| | |
|-------------------|----------------|
| FF, | N/A |
| SS FF | |
| RF, | \$56.19 |
| SS RF | RF |
| Restrictor | \$6.18 |
| 316 SS R | R |
| Glycerine filling | \$19.35 |
| Type 233.50 | 233.50 |