

Type 1005M, XRG Agricultural Ammonia Gauges

FEATURES

- Available in black-painted steel
- Steel socket, stainless steel bourdon tube
- Soldered tube-to-socket, and tube-to-tip joints
- Glass window
- Patented PowerFlex™ stainless steel movement with polyester segment
- True Zero™ indication, a unique safety feature

The Ashcroft® Type 1005M agricultural ammonia gauge is designed to withstand rugged agricultural applications.

This improved design utilizes a stainless steel bourdon tube and steel socket. The patented PowerFlex™ stainless steel movement and state-of-the-art manufacturing processes provide superior gauge performance and extended gauge life. Gauges are tested to ensure leak integrity to 2.8×10^{-4} cc per second of gas at rated pressure.

The glass window eliminates the fogging that occurs when plastic windows are exposed to ammonia.

True Zero™ indication, a unique safety feature standard on these gauges, is the accurate indication of zero pressure being applied to the gauge. In addition to the increased safety benefits, this means reduced inspection and manufacturing costs for you and your customer.

The patented PowerFlex™ movement addresses problems common to conventional movement designs. The unique suspended construction isolates the gauge movement from the socket, which is the normal travel path for shock and vibration. In this design, the Bourdon tube and linkwire cushion the movement under stress conditions, reducing wear on the lubricated surfaces.

PRODUCT SPECIFICATIONS

Ashcroft® Model No.: 1005M, XRG

Size:	2½" Diameter
Case:	Black painted steel
Ring:	Black painted steel
Window:	Glass
Dial:	Aluminum, black figures on white background
Pointer:	Black, aluminum
Movement:	Patented PowerFlex, stainless steel with polyester segment
Bourdon Tube:	316 stainless steel
Socket:	Steel
Connection:	¼ NPT Lower
Construction:	Soldered tube/socket and tube/tip joints
Accuracy:	ASME B40.100, Grade B (±3-2-3%)
Ranges:	0/60 psi, 0/150 psi, 0/400 psi
Operating temperatures:	-40°F to 150°F; -40°C to 65°C

OPTIONAL FEATURES

Window:	Push-in Polycarbonate (Exclude XRG)
Dial:	Aluminum material Customized artwork
Socket:	Throttle plug, stainless steel, .020 orifice
Other:	FlutterGuard™ (XSF) to eliminate pointer flutter and extend gauge life Bulk packaging Black Rubber Gauge Boot

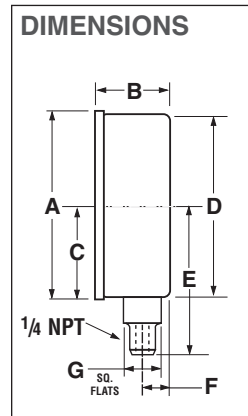


Shown with Optional Rubber Boot

HOW TO ORDER (Typical example)

		25	W	1005	M	02L	XRG	400#
Dial Size: 2½"	_____	_____	_____	_____	_____	_____	_____	_____
Movement: Patented PowerFlex™	_____	_____	_____	_____	_____	_____	_____	_____
Case Type Number: 1005	_____	_____	_____	_____	_____	_____	_____	_____
Connection Material: Steel	_____	_____	_____	_____	_____	_____	_____	_____
Connection Size/Location: ¼ NPT Lower	_____	_____	_____	_____	_____	_____	_____	_____
Window and Retaining Ring: Glass	_____	_____	_____	_____	_____	_____	_____	_____
Range: 0/400 psi	_____	_____	_____	_____	_____	_____	_____	_____

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	A	B	C	D	E	F	G	Weight
Inches	2.74	1.11	1.37	2.68	2.16	0.36	0.56	5.15 oz
(mm)	(70)	(28)	(35)	(68)	(55)	(9)	(14)	.146 kg