

Refrigerant Ammonia Gauge Type 1005M, XR5 ASME B 40.1 Grade B (±3-2-3% of span)

- Available in black-painted steel or stainless clad-aluminum case
- Steel socket, stainless steel bourdon tube
- Soldered tube-to-socket, and tube-to-tip joints
- Patented PowerFlex™ stainless steel movement with polyester segment

The Ashcroft® Type 1005M Refrigerant Ammonia Gauge is ideally suited for refrigeration applications. The patented PowerFlex movement and state-of-the-art manufacturing processes provide superior gauge performance and extended gauge life. A mass spectrometer leak test ensures leak integrity to 1×10^{-4} cc per second of helium at rated pressure.

FlutterGuard™ is available to eliminate pointer flutter and extend gauge life.



GAUGE SPECIFICATIONS

Type no.:	1005M, XR5
Accuracy:	ASME B 40.1 Grade B (±3-2-3% of span)
Size:	2½", 3½"
Case:	Black-painted steel
Ring:	None
Window:	Polycarbonate push-in
Dial:	White background, black pressure scale, red temperature scale
Pointer:	Black, aluminum
Bourdon tube:	"C" shaped 316 stainless steel
Movement:	Patented PowerFlex stainless steel with polyester segment
Socket:	Steel
Restrictor:	0.020" orifice throttle plug, stainless steel
Connection:	¼ NPT lower
Construction:	Soldered tube/socket and tube/tip joints
Ranges:	30 in.Hg vac./150 psi, 30 in.Hg vac./300 psi with equivalent ammonia temperature scales

Operating temperature: -40°F to 150°F

GAUGE OPTIONS

Case/Ring:	ABS (Type 1005PM) Stainless clad aluminum (Type 1005SM)
Window:	Glass/plastic with black ring Glass/plastic with stainless clad aluminum ring
Others:	Bulk packaging (ZO) Special calibration on application Customized dials FlutterGuard

TO ORDER THIS TYPE 1005M, XR5 GAUGE:

Select:	25	W	1005	M	O2L	XR5	150#/V
1. Dial Size: 2½"	_____	_____	_____	_____	_____	_____	_____
2. Patented PowerFlex™ Movement	_____	_____	_____	_____	_____	_____	_____
3. Case Type Number: 1005	_____	_____	_____	_____	_____	_____	_____
4. Socket Material: Steel	_____	_____	_____	_____	_____	_____	_____
5. Connection Size/Location: ¼ NPT lower	_____	_____	_____	_____	_____	_____	_____
6. Service: Refrigerant, ammonia	_____	_____	_____	_____	_____	_____	_____
7. Range: 30" Hg vac./0/150 psi	_____	_____	_____	_____	_____	_____	_____

Consult factory for guidance in product selection
Phone (203) 385-0217, Fax (203) 385-0602 or
visit our web site at www.ashcroft.com