

Data Sheet

1150H Reid Vapor Test Gauge

FEATURES

- Integral handle allows easy station-to-station transport

TYPICAL USES

- Oil and gas
- Petroleum vapor pressure measurement

SPECIFICATIONS

Accuracy: ±0.5% of span (ASME B40.100 Grade 2A)

Size: 4½"

Ranges: 15 to 600 psi

Process Connection Location: Lower

Process Connection Size: ¼ NPT

Case Style: Aluminum solid front

Movement: Rotary, adjustable, 400 SS, Teflon[®] coated

Window Material: Glass

Weather Protection: Dry case, case not sealed, recommended for weather protected environment only

Pointer: Micrometer, adjustable aluminum

Dial: Aluminum, white with black markings

Mounting: Stem

WETTED COMPONENTS

Bourdon Tube	Process Connection	Joints
Grade A Phosphor Bronze	Brass	Silver Brazed

NON-WETTED COMPONENTS

Case	Back Cover	Ring	Window
Aluminum	Polycarbonate	Polypropylene	Glass



1150H
4½" dial size

KEY BENEFITS

- Field-proven and durable
- Precisely measures vapor pressure of petroleum-based product
- One year warranty

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ORDERING CODE	Example:	45	1150H	A	02	L	XPD	100#
Dial Size								
45 - 4½"		45						
Model								
1150H - Reid Vapor Test Gauge			1150H					
System								
A - Phosphor bronze tube/Brass process connection				A				
Process Connection Size								
02 - ¼NPT					02			
Process Connection Location								
L - Lower						L		
Options (if choosing an option(s) must include an "X")								X_
PD - Acrylic Glass								PD
SG - Safety Glass								
Range (See range table on page 2 for all standard ranges)								
Single Scales								
100# - 100 psi								100#

STANDARD METRIC RANGES						
RANGE		DIAL GRADUATIONS		RANGE	DIAL GRADUATIONS	
kg/cm ² (Kilograms per sq. cm.)	Bar	Figure Interval	Minor Graduation	kPa (kiloPascal)	Figure Interval	Minor Graduation
Pressure						
0/1	0/1	0.1	0.01	0/100	10	1
0/1.6	0/1.6	0.2	0.02	0/160	20	2
0/2.5	0/2.5	0.5	0.05	0/250	50	5
0/4	0/4	0.5	0.05	0/400	50	5
0/6	0/6	0.5	0.1	0/600	50	10
0/10	0/10	1	0.1	0/1000	100	10
0/16	0/16	2	0.2	0/1600	200	20
0/25	0/25	5	0.5	0/2500	500	50
0/40	0/40	5	0.5	0/4000	500	50

STANDARD RANGES		
PRESSURE (PSI)	FIGURE INTERVAL	MINOR GRAD.
0/15	1	0.1
0/30	2	0.2
0/60	3	0.2
0/100	4	0.25
0/160	5	0.5
0/200	10	1.0
0/300	10	1.0
0/400	10	1.0
0/600	20	2.0

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DIMENSIONS in [] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

Dial Size (inches)	A	B	C	D	E	G	J	L	T	Weight (lbs)
4 1/2	5 13/16 [148]	3 3/8 [86]	4 7/8 [124]	1 5/8 [41]	5 3/8 [137]	3 15/16 [100]	1 1/16 [27]	0.218 [6]	5/8 [16]	2.5

