

1327D Pressure Gauge Comparator

FEATURES

- 1 to 4, 4½" test gauges provided
- Accuracy: ±0.25% of span, ASME B
- Maximum operating pressure: 10,000 psi
- Compatible with a variety of operating fluids, including water

TYPICAL USES

- Calibration laboratories
- Portable for field calibrations



1327D Pressure Gauge Comparator
 (Pressure gauge pictured on left not included)

SPECIFICATIONS

Accuracy:	±0.25% of gauge span
Gauges:	Ashcroft Model 1082 (#4384), 4½", ASME B40.100, Grade 3A, Temp. compensated. Bourdon tube materials – Bronze or "K" Monel® (depending on range) Gauge ranges – (see table)
Operating Pressure:	0 to 10,000 psi max. (0 to 70,000 kPa)
Reservoir Volume	Approximately 1.5 pints (0.7 liter)
Pump Body Material	Aluminum alloy
Operating Fluid:	1327D – SAE 20 automotive or machine oil 1327DH – Phosphate or glycol base hydraulic fluids 1327DO – Distilled water (with sodium molybdate and phosphoric acid additives recommended as corrosion inhibitors)
O-Ring Seals:	Standard (1327D and 1327DO) – Buna-N Optional (1327DH) – Ethylene Propylene
Accessories:	Metal carrying and storage box Lower connection offset pipe assembly Back connection pipe Gauge pipe extension assembly ¼ and ½ NPT Female adapters Wrench (1" x 1 1/8") Wrench (7/8" x 1") Wrench (5/8") Pointer puller set Installation and Operation Manual Spare O-ring kit

KEY BENEFITS

- Easy to use – no weight stacking
- Can be used to calibrate oxygen service gauges

SPECIFICATIONS (Continued)

Certification:	Standard – No documentation provided Optional – Traceable calibration certificate provided for each gauge only upon request of "C4" certification documents.
Carrying Case Dimensions:	10 ½" x 8 ½" x 24 ½" (inches) (11" x 10" x 24½" including latches and handle)

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ORDERING CODE	Example:	1327D	G	H	4	-100
Model						
1327D - Pump with Tools and Accessories		1327D				
Gauge(s) Unit of Measure						
- psi (standard)						
M - kg/cm ²						
B - bar						
A - kPa						
G - Includes gauges			G			
Operating Fluid						
- Petroleum Oil (standard)						
H - Phosphate Ester or Glycol based (optional)				H		
O - Water (for oxygen service)						
Special Certification						
- No certification reports (standard)						
4 - Traceable calibration certificate for each gauge (optional)					4	
Choose a set corresponding to unit of measure selected above						
psi gauges included – range(s):						
-2	0/150					
-6	0/150, 0/600					
-50	0/150, 0/600, 0-5000					
-100	0/150, 0/600, 0-5000, 0/10,000					-100
kg/cm² gauges included – range(s):						
-10	0/10					
-40	0/10, 0/40					
-250	0/10, 0/40, 0/250					
-600	0/10, 0/40, 0/250, 0/600					
bar gauges included – range(s):						
-10	0/10					
-40	0/10, 0/40					
-250	0/10, 0/40, 0/250					
-600	0/10, 0/40, 0/250, 0/600					
kPa gauges included – range(s):						
-1000	0/1000					
-4000	0/1000, 0/4000					
-25000	0/1000, 0/4000, 0/25,000					
-60000	0/1000, 0/4000, 0/25,000, 0/60,000					

ORDERING CODE	
Model	
1327	Pump only (includes valves, handle and drip pan)
1327D	Pump with tools, accessories and metal carrying case (no gauges)

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Dimensions in inches and [mm]

