

## Data Sheet

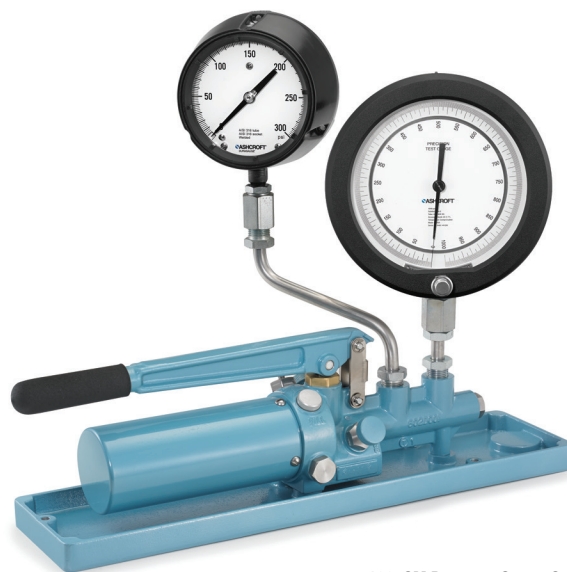
# 1327CM Pressure Gauge Comparator

### FEATURES

- 1 to 3, 6" certified test gauges provided
- Accuracy:  $\pm 0.1\%$  of span, ASME B40.100, grade 4A gauges
- Maximum operating pressure: 10,000 psi
- Compatible with a variety of operating fluids, including water

### TYPICAL USES

- Calibration laboratories
- Portable for field calibrations



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

### SPECIFICATIONS

Accuracy:	$\pm 0.1\%$ of gauge span
Gauges:	Ashcroft Model A4A, 6", ASME B40.1, Grade 4A, temperature compensated Bourdon tube material – 403 Stainless Steel or Beryllium Copper (depending on range) Gauge ranges – (see table)
Operating Pressure:	0 to 10,000 psi max.
Reservoir Volume	Approximately 1.5 pints (0.7 liter)
Pump Body Material	Aluminum alloy
Operating Fluid:	1327CMS – SAE 20 automotive or machine oil 1327CMH – Phosphate or glycol base hydraulic fluids 1327CMO – Distilled water (0.2% sodium molybdate solution is a suitable inhibitor)
O-Ring Seals:	Standard (1327CMS and 1327CMO) – Buna-N Optional (1327CMH) – 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"x1½") Wrench (7/8"x1") 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
- Higher accuracy gauges support 4:1 calibration ratio

### SPECIFICATIONS (Continued)

Certification:	Standard – <u>Traceable calibration certificate</u> provided for each gauge.
Carrying Case	10½" x 8½" x 24½" (inches)
Dimensions:	(11" x 10" x 24½" including latches and handle)

## Data Sheet

### 1327CM Pressure Gauge Comparator

ORDERING CODE	Example:	1327CM	S	ABE
<b>Model</b>				
1327CM - Pump with Tools and Accessories		1327CM		
<b>Operating Fluid</b>				
S - Petroleum Oil (standard)			S	
H - Phosphate Ester or Glycol based (optional)				
O - Water (for oxygen service)				
<b>Gauge sets - psi Ranges</b>				
X - No gauge				
A - 0/30				
B - 0/100				
C - 0/500				
D - 0/1,000				
E - 0/5,000				
F - 0/10,000				
AB - 0/30, 0/100				
AC - 0/30, 0/500				
AD - 0/30, 0/1,000				
AE - 0/30, 0/5,000				
AF - 0/30, 0/10,000				
BC - 0/100, 0/500				
BD - 0/100, 0/1,000				
BE - 0/100, 0/5,000				
BF - 0/100, 0/10,000				
CD - 0/500, 0/1,000				
CE - 0/500, 0/5,000				
CF - 0/500, 0/10,000				
DE - 0/1,000, 0/5,000				
DF - 0/1,000, 0/10,000				
EF - 0/5,000, 0/10,000				
ABC - 0/30, 0/100, 0/500				
ABD - 0/30, 0/100, 0/1,000				
ABE - 0/30, 0/100, 0/5,000				ABE
ABF - 0/30, 0/100, 0/10,000				
BCD - 0/100, 0/500, 0/1,000				
BCE - 0/100, 0/500, 0/5,000				
BCF - 0/100, 0/500, 0/10,000				
CDE - 0/500, 0/1,000, 0/5,000				
CDF - 0/500, 0/1,000, 0/10,000				
DEF - 0/1,000, 0/5,000, 0/10,000				

Other range gauges, including metric scales, are available on request. Please consult factory.

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Dimensions in inches and [mm]

