

GaugeCalHP Pressure Comparator

PERFORMANCE

Maximum Hydraulic Pressure: 15 000 psi/1000 bar/100 MPa

Vacuum: -12.5 psi/-0.86 bar/-86.2 kPa

Maximum Pneumatic Pressure: 400 inH₂O/995 mbar/29 inHq

Sensitivity (fine adjust) 0.01 inH₂O/0.025 mbar

Burst Pressure: > 25 000 psi/1700 bar/170MPa

MATERIALS

Wetted Materials: Stainless Steel plus Seals and Acrylic Reservoir

Enclosure: Anodized Aluminum

Seals: Buna N (Nitrile), Viton, and Urethane

Test Media: Water, Oil, or Air

DIMENSIONS

Width: 8.3 in (210 mm)

Length: 20.5 in (520 mm)

Height (base): 5.5 in (140 mm)

Height (with handles): 11 in (280 mm)

Weight: 20 lbs (9 kg)

Piston Stroke Volume: 0.8 in³ (13.1 cm³)

Reservoir Volume: 10.8 in³ (176.9 cm³)

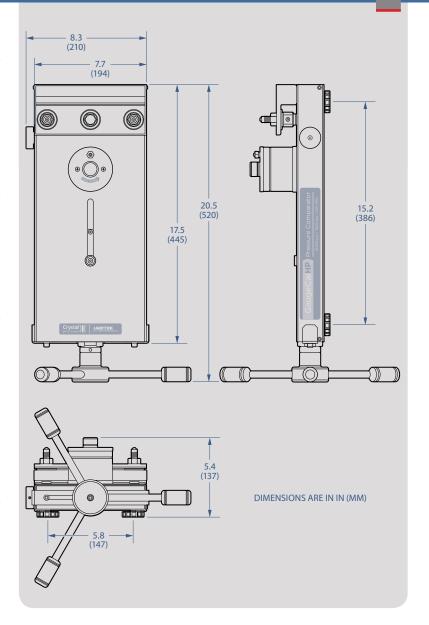
CONNECTIONS

CPF Male (installed): MAWP 15 000 psi/1000 bar/100MPa

MPF15K-1/4FPT: MAWP 15 000 psi/1000 bar/100MPa

1/4" medium pressure tube system compatible with HiP LM4 and LF4 Series; and Autoclave Engr SF250CX Male and Female Series.

2 port pivoting manifold allows calibration of large gauges.





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ORDERING

P/N GaugeCalHP: GaugeCalHP Pressure Comparator

Pressure Comparator, two CPF male fittings (installed), and one 1/4" FNPT adapter (P/N MPF15K-1/4FPT).

ACCESSORIES

P/N 5102: Fine Adjust (included)

P/N 5101: Rolling Case

Two MPF-CAP fittings to prevent leaks while in transit, two hold-down straps, and

fluid bottle.

P/N **FASTCALXP**: Gauge and Transmitter Calibration Software

FastCalXP software, USB Security Key, CD, USB-RS232 adapter, and 30 series

RS232 cable.

P/N 3327: USB Footswitch for FastCalXP

P/N 5103: Rebuild kit

COMPLEMENTARY PRODUCTS

Crystal Engineering offers a wide range of products that work with the GaugeCalHP:

- Fittings that connect without tools, safely and without leaks
- Lightweight, super flexible high pressure hoses
- Fitting kits and adapters
- Digital Test Gauge
- Reference Recorder
- Pressure Calibrator