

Hydraulic Comparator HCP-10000



The Portable Oil Operated Comparator pump has an internal volume of 30 cc. One side is fitted with our Precision Digital Pressure Indicator with an accuracy of 0.05% of Full Scale. The other side is connected to any Pressure Instrument under test.

With just 2-3 Precision Pressure Gauges, user cover calibration ranges from 0 to 10,000 psi without degrading Calibration Accuracy Ratio.

The maximum pressure generated by the screwed-pump is 10,000 psig with effortless operation.

The broad strong base does not require user to clamp or secure the base to the work-bench, even at 10,000 psig.

Fine adjustment regulator is included as standard.

TIS Instruments (S) Pte Ltd

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SPECIFICATION HCP-10000

Maximum Pressure Generation	: 10,000 psig or 700 Barg
Optional Digital Gauge Range	: 100,300,500,1000,2000,3000,5000,10000 psig
Pressure connection	: ¼", 3/8", ½" BSP Female
Medial Compatibility	: Hydraulic Oil or Distilled water
Material	: Brass, Nickel Plated
Unit Size	: 320x300x250 mm
Weight	: 9 kg

Ordering Information:

Model: HCP-10000 (screw-pump only)

Digital Pressure Gauge are order separately:

Model: TIS-PG - 10,000 psig @ 0.05% Full Scale

Model: TIS-PG - 5000 psig @ 0.05% Full Scale

Model: TIS-PG - 3000 Psig @ 0.05% Full Scale

Model: TIS-PG - 1000 Psig @ 0.05% Full Scale

Model: TIS-PG - 500 Psig @ 0.05% Full Scale

Model: TIS-PG - 100 Psig @ 0.05% Full Scale

Model: TIS-PG - 30 Psig @ 0.05% Full Scale

Model: TIS-PG – vacuum to 15 Psig @ 0.05% Full Scale

(Refer to Digital Pressure Gauge for Specification)

Each Unit Include: 1) Calibration Certificate for digital pressure gauge ordered
2) Operating Manual
3) 3' High Pressure Hose
4) Fittings, ¼", 3/8", ½" BSP Female

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