



Time Electronics

7195 Benchtop Hydraulic Pressure Calibration Pump



- Vacuum to 700bar (10,000psi) pressure
- Dual pressure source (double output manifold)
- High pressure resolution
- High pressure stability
- Smooth pressure generation
- Oil or deionized water
- Compact design ideal for field or lab use
- Suitable for use with calibrators & gauges

DESCRIPTION

The 7195 benchtop pressure pump is a dual pressure source for hydraulic pressure applications. It is simple operation and achieves high pressure smoothly and easily. For media it uses oil or deionized water, and provides 85% vacuum and positive pressure 700bar (10,000psi). A high-quality screw press is designed for fine pressure adjustment, with adjusting resolution up to 0.001bar. For calibration applications the double output manifold provides finger-tight connections for a reference gauge and device under test. Further user friendly features include the ergonomic handwheel for coarse pressure adjustment, fine adjust handles, release valve and isolating valve.

The 7195 is comfortable and simple operation, with features that make it ideal for calibrating pressure transducers, gauges, and other pressure instruments. It is also ideal for use as a benchtop gauge comparator. Time Electronics also offer a range of digital pressure gauges ideal for use with the 7195. The 7096 is a high-performance gauge for pressure up to 700bar, with 0.2% full scale accuracy. Other gauges are available with up to 0.02% FS accuracy.



SPECIFICATIONS

Media.....	Oil or deionized water (oil as standard, specify water on order)
Generated Pressure Range	0.85bar vacuum to 700bar pressure (12.5psi vacuum to 10,000psi pressure)
Pressure Resolution	0.001bar
Material.....	Ram/adapters: 316 SS Body: Steel/aluminum Seals: Buna-N
Pressure Connections	2 x 1/4" BSP (other connections available upon request)
Height.....	140mm
Base	290mm x 198mm
Weight	3.2kg (7.1 lbs)
Optional Extras.....	Digital pressure gauges

ORDERING INFORMATION

7195	Benchtop Hydraulic Pressure Calibration Pump (0.85bar vac to 700bar)
7096.....	Digital pressure gauge (0 to 700bar, 0.2% full scale accuracy)
TEG Gauges.....	Digital gauges, various ranges available (0.2/0.1/0.05/0.02% FS accuracies)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.