



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 700 bar (10,000 psi). A high-quality screw press is designed for fine pressure adjustment, with adjusting resolution up to 0.001 bar. 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 TEG-G700b/0.2 is a high performance gauge for pressure up to 700 bar, 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	0.85 bar vacuum to 700 bar pressure (12.5 psi vacuum to 10,000 psi pressure).
Pressure resolution	0.001 bar.
Material	Ram/adapters: SST; Body: SST/aluminum; Seals: Buna-N (nitrile).
Connection	Finger-tight connectors for both test gauge and reference gauge.
Pressure connections	2 x 1/4 " BSP. Optional 1/4 " NPT (7195-NPT).
Height	140 mm.
Base	290 mm x 198 mm.
Weight	3.2 kg (7.1 lbs).
Options	Digital gauges, carry case (7195-CC), maintenance kit (7195-MK).

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

Features

- Vacuum to 700 bar (10,000 psi) 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 and gauges



Ordering information

7195	Benchtop Hydraulic Pressure Calibration Pump (0.85 bar vac to 700 bar)
TEG-G700b/0.2	Digital pressure gauge (0 to 700 bar, 0.2 % full scale accuracy)
TEG Gauges	Digital gauges, various ranges available (0.2/0.1/0.05/0.02 % FS accuracies)