



Description

The 7195A 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 pressure generation to 1000 bar (15,000 psi). The pump incorporates a dual-piston system which is ideal for filling large volume workload with the hand pump and providing smooth increase and decrease of pressure with the fine adjustment. For calibration applications the double output manifold provides finger-tight connections for a reference gauge and device under test.

The 7195A 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 7195A. The TEG-G1000b is a high performance gauge for pressure up to 1000 bar, with 0.05 % full scale accuracy.

Specifications

Media	Oil or deionized water
Generated pressure range	0 to 1000 bar pressure (0 to 15,000 psi pressure)
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 as standard, other connections optional.
Height	162 mm
Base	345 mm x 215 mm
Weight	3.9 kg (8.6 lbs)
Options	Digital gauges, carry case (7195A-CC), maintenance kit (7195A-MK).

Features

- 0 to 1000 bar (15,000 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 & gauges



Optional Pressure Gauges

Ordering information

7195A.....	Benchtop Hydraulic Pressure Calibration Pump (0 to 1000bar)
TEG-G1000b	Digital Pressure Gauge (0 to 1000 bar, 0.2/0.1/0.05 % FS accuracy available)

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