



## Description

A range of very accurate and stable pressure standards that is commonly used across industries to calibrate pressure measurement devices and instrumentation like pressure transmitters and gauges.

Models are available for pneumatic pressure calibration up to 120 bar, and hydraulic to 2600 bar. All units are top loading for ease of use and weight sets are interchangeable for hydraulic models. The hydraulic models also have a base that features a dual area screwpress which allows low pressure priming and high pressure control.

Each model is a robust design, with a fully hardened and stabilised tool steel piston. This unit gives extremely good sensitivity for high accuracy calibration, yet is tough enough for regular use in a workshop environment.

## Specifications

Model	Pressure Type	Pressure Range*	Dual Range Models	Standard Accuracy	Premium Accuracy (optional)
7890	Hydraulic	1 to 700 bar	1 to 60 bar 10 to 700 bar	0.015%	0.006%
7891	Hydraulic	1 to 1200 bar	1 to 60 bar 20 to 1200 bar	0.015%	0.007%
7892	Hydraulic	1 to 2600 bar	1 to 50 bar 20 to 2600 bar	0.015%	0.007%
7893	Pneumatic	1 to 120 bar	Single range	0.015%	0.007%

\*Also available for pressure units kg/cm<sup>2</sup>, lb/in<sup>2</sup>, psi, kPa.  
Full specifications available upon request.

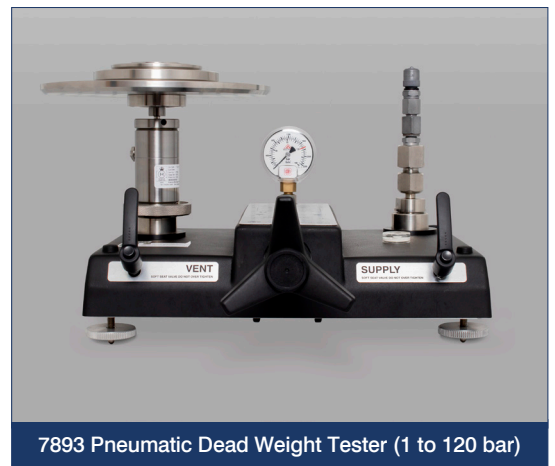
## Ordering Information

- 7890 .....Hydraulic Dead Weight Tester (700bar)
- 7891 .....Hydraulic Dead Weight Tester (1200bar)
- 7892 .....Hydraulic Dead Weight Tester (2600bar)
- 7893 .....Pneumatic Dead Weight Tester (120bar)

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

## Features

- 7890 Hydraulic DWT: 1 to 700 bar
- 7891 Hydraulic DWT: 1 to 1200 bar
- 7892 Hydraulic DWT: 1 to 2600 bar
- 7893: Pneumatic DWT: 1 to 120 bar
- Simple operation primary standards
- 0.015 % of rdg standard accuracy
- Up to 0.006 % of rdg premium accuracy
- Dual range on hydraulic models



7893 Pneumatic Dead Weight Tester (1 to 120 bar)