

hydraulic deadweight tester

DWT-9190

Oil operated

Ranges from 30.000 to 60.000 psi (2000...4000 bar)

Weight flotation reference system

Standard accuracy $\pm 0,025\%$ of reading

NVLAP or NIST traceable certificate included

Optional accuracy up to $\pm 0,015\%$ of reading

Motorised version available



The series 9190 Deadweight Tester provide a high quality precision pressure calibration source for almost every application. Carefully designed and manufactured, the DWT is inherently an accurate and very reliable device for calibrating pressure instruments. The choice of a model series 9190 determines both the uncertainties on the calibration and the ease of use. Key features which stems from an knowledge and experience in pressure calibration which began over 50 years ago.

7.DW9 - Standard Model

Range: max...60000 psi (4000 bar).

Standard accuracy: 0,025% of reading (**Cod. B**).

Higher accuracy: 0,015% of reading (**Cod. A**).

Traceability: NVLAP or NIST.

Weights: stainless steel, non magnetic.

Priming: direct via ram screw with intensifier.

Connection: test rotating connection with union nut and lens ring high pressure connection, 9/16"-18UNF.

Relief valve: to protect against overpressure.

Standard corrections: gravity $9,80665 \text{ m/s}^2$; temperature 68°F (20°C); air density $1,2 \text{ kg/m}^3$ (others value on request).

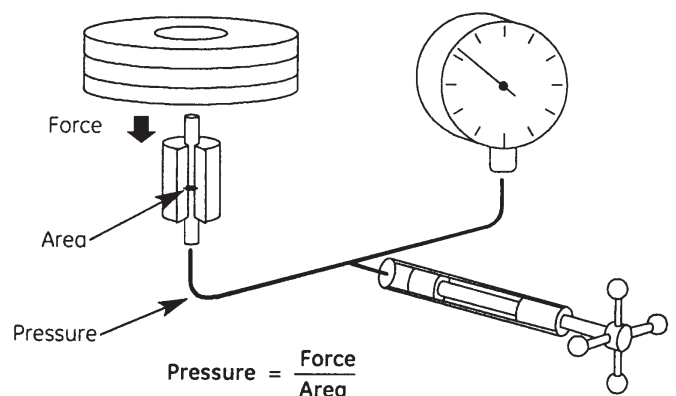
Instrument weight: 66 lbs (30 kg)

Mass set weight: 77.....133 lbs (35...60 kg), dependent from pressure range.

Dimensions: (W x D x H) 18 x 13,5 x 19 in.
(455 x 340 x 478 mm) max.

All testers are supplied with:

- Certificate of accuracy
- Operating manual.
- Set of stainless steel weights in carrying cases.
- Set of adaptors consisting of 3/8", 1/2", 3/4" BSP standard and cone lens ring.
- Dust cover.
- Spirit level.
- 1 litre operating fluid.



MODELS AND RANGES

Ranges: bar

Version		Range	Weights nr.	Weights	Smallest step
Motorised	Manual				
M9192-1	9192-1	40...2000	19	4x2; 1x10; 4x20; 1x100; 9x200 bar	2 bar
M9194-1	9194-1	40...4000	29	4x2; 1x10; 4x20; 1x100; 19x200 bar	2 bar

Ranges: kgf/cm²

Version		Ranges	Weights nr.	Weights	Smallest step
Motorised	Manual				
M9192-2	9192-2	40...2000	19	4x2; 1x10; 4x20; 1x100; 9x200 kgf/cm ²	2 kgf/cm ²
M9194-2	9194-2	40...4000	29	4x2; 1x10; 4x20; 1x100; 19x200 kgf/cm ²	2 kgf/cm ²

Ranges: psi

Version		Ranges	Weights nr.	Weights	Smallest step
Motorised	Manual				
M9192-3	9192-3	500...30000	20	4x20; 1x100; 4x200; 1x1000; 2x2000; 8x3000 psi	20 psi
M9194-3	9194-3	500...60000	30	4x20; 1x100; 4x200; 1x1000; 2x2000; 18x3000 psi	20 psi

OPTIONS

Cleantester, diaphragm seal
PressCal software datas' correction

"HOW TO ORDER" SEQUENCE

Section / Model / Accuracy / Version / Range / Options

7 DW9 A B

