

pneumatic deadweight tester

DWT-P3000

- Pneumatic operated
- Primary standard
- Ranges from *Vacuum to 1000 psi (70 bar)*
- Weight flotation reference system
- Standard accuracy $\pm 0,015\%$ of reading
- Higher accuracy $\pm 0,008\%$ of reading
- NIST or NVLAP traceable certificate included



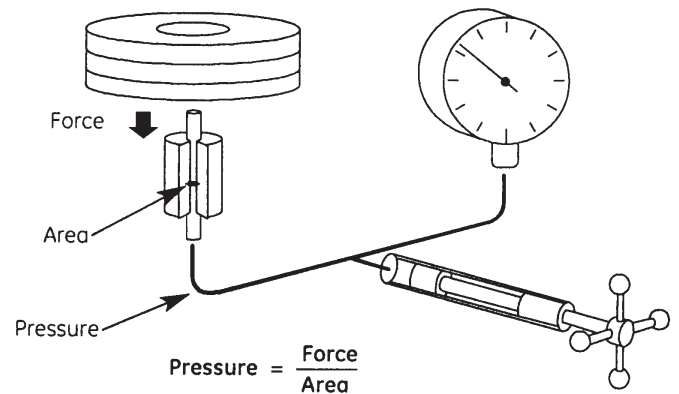
The series P3000 Deadweight Tester provide a high quality precision pressure calibration source for almost every application. The choice of a model series P3000 determines both the uncertainties on the calibration and the ease of use.

7.DP3 - Standard Model

- Range:** *Vacuum ...1000 psi (-1 ... +70 ba).*
- Standard accuracy:** 0,015% of reading (**Cod. A**).
- Higher accuracy:** 0,008% of reading (**Cod. E**).
- Traceability:** NIST or NVLAP.
- Weights:** stainless steel, non magnetic.
- System pressure:** visual indicator.
- System source:** external positive and vacuum supply required.
- Manual source:** built-in pneumatic hand pump for pressure and vacuum.
- Standard for DWT up to *800 inH₂O (2000 mbar).*
- Optional for greater ranges (generates max: *300 psi (20 bar)*)
- System control:** fine adjustment control.
- Standard corrections:** gravity $9,80665 \text{ m/s}^2$; temperature $+68^\circ\text{F}$ (20°C); air density 1.2 kg/m^3 (other values on request).
- Weight tester:** *24 lbs (11 kg).*
- Mass set weight:** *65 lbs (29 kg).*
- Dimensions DWT:** (W x D x H) *17,5 x 12 x 8,5 inc.* (450 x 300 x 220 mm) max.

All testers are supplied with:

- Certificate of accuracy .
- Operating manual.
- Set of stainless steel weights in carrying case.
- Set of adaptors: *1/8", 1/4", 3/8", 1/2" BSP or NPT.*
- Detachable and compact lid for an easy transport.



MODELS AND RANGES

Single PCU, pressure

Model	Built-in pump	Range
3012-P -6	Std	15...1000 mbar
3012-P -7	Std	5...400 inH2O
3013-P -6	Std	30...2000 mbar
3013-P -7	Std	12...800 inH2O

Dual PCU, pressure and vacuum

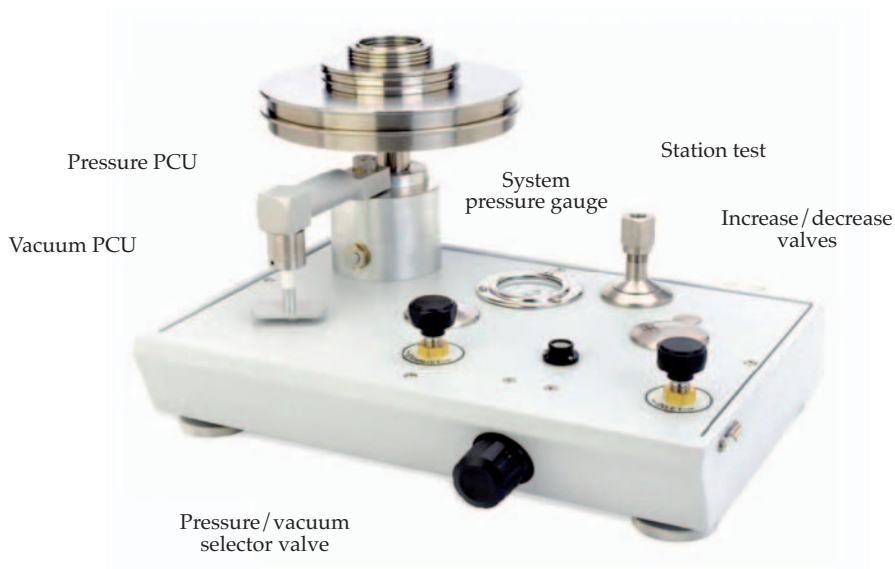
Model	Built-in pump	Pressure range	Vacuum range
3022-6	Opt.	15...1000 mbar	30...1000 mbar
3022-7	Opt.	5...400 inH2O	1...30 inHg
3023-6	Opt.	30...2000 mbar	30...1000 mbar
3023-7	Opt.	12...800 inH2O	1...30 inHg

Single PCU, pressure

Model	Built-in pump	Range
3015-1	Opt.	0,2...35 bar
3015-3	Opt.	3...500 psi
3016-1	Opt.	1...70 bar
3016-3	Opt.	10...1000 psi

Dual PCU, pressure and vacuum

Model	Built-in pump	Pressure range	Vacuum range
3025-1	Opt.	0,2...35 bar	30...1000 mbar
3025-3	Opt.	3...500 psi	1...30 inHg



OPTIONS

Incremental weights set
Built-in pneumatic hand pump
Set of NPT adaptors
Set of BSP adaptors
PressCal software datas' correction
Cleantester, diaphragm seal

"HOW TO ORDER" SEQUENCE

Section / Model / Accuracy / Version / Range / Options

7 DP3 A E