

# PODDYMETER

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## WATER FLOW PORTABLE TEST SETS

6010

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For measuring differential pressure across balancing valves, orifice metering stations, chillers etc. The differential pressure can be accurately related to flow rate.

Solid perspex manometers incorporate check valves, over pressure chambers and trap tubes to avoid loss of the indicating fluid. The manometers are tubed to a three valve equalising / isolating manifold.

Scale units available as standard are kPa, metres head, feet head, mm w.g. and inches w.g.

Adaptors available for connecting the Test Set to most makes of balancing valve.



Illustration shows W20/Dual/PTS with 'easy zero' valve option

All units are leak tested at high pressure before despatch. The sets are supplied with fluid, ready for use, with 3m leads and quick release fittings as standard. Bleed valves rather than screws are used to facilitate bleeding air from the system.

The equalising / isolating manifold has front facing valves. It can be supplied either with the equalising valve upstream of the isolating valves for "easy flushing" of air from the connecting limbs and valve manifold, or with the equalising valve to the manometer side of the isolating valves for "easy zero checking" during operation.

High quality waterproof plywood is used for the cases, preserved and varnished to give long life. Dual cases have lift-off hinges to enable each half of the set to be used at a separate location if required.

Traceable certification to national standards via UKAS calibrated master manometers can be supplied.

### Details of the full range with current specifications

Model	Liquid fill	Range	Static Rating	Case Size (mm)
W20/PTS	Hg	0 - 64 kPa	10 bar	890x203x120
W20/188/PTS	sg 1.88	0 - 4.5 kPa	10 bar	890x203x120
W20/Dual/PTS	W20 & W20/188 in one case			890x203x167
W20/HP/PTS	Hg	0 - 64 kPa	35 bar	890x203x120
W20/188/HP/PTS	sg 1.88	0 - 4.5 kPa	35 bar	890x203x120
W20/Dual/HP/PTS	W20/HP & W20/188/HP in one case			890x203x167
E/PTS	Hg	0 - 95 kPa	7bar	1190x183x115
E/188/PTS	sg 1.88	0 - 6.5 kPa	7bar	1190x183x115
E/Dual/PTS	E & E/188 in one case			1190x183x167
E/HP/PTS	Hg	0 - 95 kPa	35 bar	1190x183x115

E/188/HP/PTS	sg 1.88	0 - 6.5 kPa	35bar	1190x183x115
E/Dual/HP/HPTS	E/HP & E/188/HP in one case			1190x183x167
F/PTS	Hg	0 - 125 kPa	7bar	1490x183x115
F/188/PTS	sg 1.88	0 - 8.5 kPa	7bar	1490x183x115
F/HP/PTS	Hg	0 - 125 kPa	35 bar	1490x183x115
F/188/HP/PTS	sg 1.88	0 - 8.5 kPa	35bar	1490x183x115

**Other Ranges are available on request.**

Accessories and Spares			
Description	Code	Description	Code
Bleed valve and 'O'-ring	BV	Pair Mechseal adaptors + fitting	MA
Valve spindle assembly	VSA	Pair Binder adaptors + fitting	BA
SG1.88 Fluorocarbon 25ml	SG1.88-25ml	Pair 100mm long Binder adaptors	BA100
SG1.88 Fluorocarbon 250ml	SG1.88-250ml	2mm Dia. Binder adaptors	BA2
50 pack Mechseal 'O'-rings	MOR	Angled versions above - add:	/A
W20 Spares kit (For acrylic body)	W20-SK	6mm Nylon tube 30M roll	TN6-30M
3 valve manifold with fittings	V3S	QR - female quick release adaptor (pair)	QR
W20 spare scales - KPa	1.88scale	1/4QB - male plug adaptor (pair)	1/4QB(M)
(other units on application)	HG scale	Swivel brass 6mm connector	1/4CSB6A
W20 manometer body with fittings	W20 body	Straight brass 6mm connector	1/4CSB6

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design by:  
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