

# SetaVap4 80600-0

## Automatic vapour pressure testing of fuel

ASTM D5191; D5188; D6377; D6378; EN 13016-1 & 3; IP 394

Correlates with ASTM D323; D2533; D4953; D5482

- Rapid automatic vapour pressure testing
- Piston based design for triple and single expansion test methods
- Peltier cells for heating and cooling
- Integrated shaker for crude oil measurements
- Large LCD touchscreen display
- Simple test procedure
- Internal result storage with USB port for data download
- Compact, rugged design ideal for portable field or laboratory use
- DVPE, RVP, EPA and CARB calculations



Gasoline • Solvents • Crude Oil

## Technical Specifications

Regulatory	
Test methods	ASTM D5191; D5188; D6377; D6378; EN 13016-1; EN 13016-3; IP 394
Correlation	ASTM D323; D2533; D4953; D5482; EPA & CARB
Fuel specifications	ASTM D910; D1655; D4814; D5798; D6227; EN 228; CEN/TS 15293
Operation	
Pressure range	1000 kPa
Pressure resolution	0.01 kPa
Units of pressure	kPa, psi
Temperature range	0 to 120 °C (no external cooling required)
Units of temperature	°C °F
Temperature stability	0.01°C
Vapour to liquid ratio	0.02:1 to 20:1
Sample volume	1 ml, plus rinsing
Measurement time	<10 minutes for D5191
Lubrication	Automatic
Sample introduction	Automated via built in piston Reusable 80 µm filter Transfer tube or syringe No vacuum pump required
Data Management	
Statistical Quality Control	ASTM D6299 SQC software built in
Display	Real time on screen test progress & results. Samples can be marked as hazy
Results storage	500,000 results stored in internal memory
Results download	CSV, PDF
Interface	
User interface	8.4" LCD touchscreen, can be used with gloves, USB, keyboard, mouse & barcode reader
Data input/output	LIMS compatible Ethernet RJ45 USB Type A x2 Serial port RS232C Downloadable to USB memory stick QR code
Printer options	RS232, Ethernet
Calibration	
Temperature	10 point temperature calibration
Pressure	Multipoint pressure calibration
Power requirements	
Voltage	82-262V, 45-65 Hz, autosensing universal power supply Field use: 12V SC using DC/AC converter option
Power	300 W
Environmental	
Operating temperature	5 to 35 °C
Relative humidity	Up to 95% non condensing
Physical	
Size (HxWxD)	310 x 230 x 240 mm
Weight	7.4 kg