

# Pour Point Tester

## PPT 25150 / 45150



- ASTM D5985
- fully automated, micro processor control
- measuring range :  
-45°C to +150°C (-49°F to +302°F)
- high resolution and accuracy: 0.1°C
- repeatability: < 0.4°C
- stand alone: all data displayed
- more accurate than ASTM D97 / D5950
- no* external cooling device needed
- very compact dimension
- automatic calibration
- ergonomic control software available

The pour point testers PPT 25150 / 45150 by PSL Systemtechnik are characterized by high accuracy and reproducibility of measurements (see backside). Furthermore, the PPT 25150 / 45150 is ergonomic and requires little space on your lab desk. The measurements are performed according strictly to ASTM D5985 (rotational method). A newly designed sensing head especially for crude oil and inhibited crude oil is also available.

By use of thermoelectric modules, the PPT 25150 / 45150 does *not* require an external cryostat. The wide range mains voltage input lets you use the PPT 25150 / 45150 worldwide. All you need is a mains power socket and tap water. Take the device with you in the neutrally designed, compact and lockable heavy duty transport case.

The PPT 25150 / 45150 performs measurements with an accuracy of 0.1°C in a wide temperature range from -45°C to +150°C. The temperature dynamic is much better than the one of conventional bath thermostats. This reduces your measurement times.

### Application:

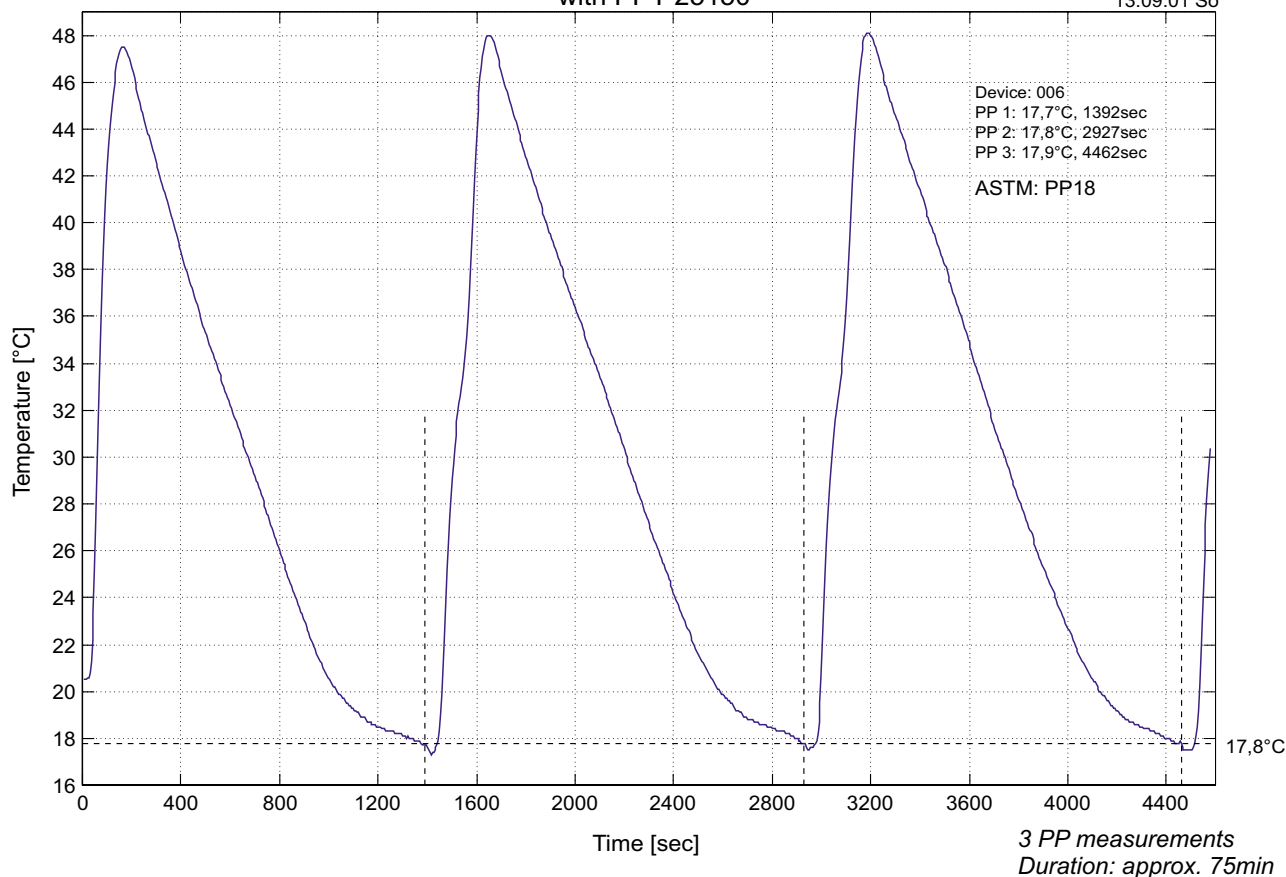
- Measuring of pour point in fluids

### Characteristics:

- Method ASTM D5985 (more precise than ASTM D97/ D5950)
- No external cooling device required
- Compact dimensions
- Automatic calibration
- Fast results

PP-Measurement NAM-Cond. #09  
with PPT 25150

13.09.01 So



### Technical Data:

Temperature range:	PPT 25150: -25°C to +150°C (-13°F to +302°F) PPT 45150: -45°C to +150°C (-49°F to +302°F) At tap water temperature of +15 °C.
Resolution and accuracy:	0.1°C, repeatability < ±0.4 K
Cooling-/heating power:	Cooling: max. 320 W, heating: max. 1200 W
Cooling speed:	Max. 16 K/min.
Power consumption:	Max. 2000 W, 230/115 V at 50/60 Hz (auto select)
Counter cooling:	Water flow 1 to 2 litres/min, 3°C to 30 °C
Regulation:	Adaptive, nonlinear
Microcontroller:	16 Bit, 40 Mhz, software updateable via Rs232
Dimensions (WxHxD):	26 cm x 16 cm x 38 cm, height incl. head: 43cm
Dimensions:	unit: 9.5 kg, case: 5.0 kg
Options:	Transport case "heavy duty" WinPPT control software Digital calibration thermometer for fully automated Temperature calibration (replaces annual calibration service)