



POUR POINT TESTER (DPP)

An automatic pour point tester that is compact and reliable.

The Ducom Pour Point Tester (DPP) offers precise and fully-automated pour point testing of crude oils, engine oils, additives, lubricating oils and other petroleum products.

The DPP features an automated, mechanical arm that lifts and tilts the test jar for accurate and repeatable pour point measurements.

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Single or Dual Test Heads

Available in a single or a dual head configuration. Perfect for labs that don't have time to wait!



Technical Specifications

MEASURING PARAMETERS

- Temperature: °C/°F
- Measuring Range: +80°C to -80°C
- Resolution: 0.06°C
- Accuracy: $\pm 0.1^\circ\text{C}$
- Repeatability/Reproducibility: as per standard methods or better

TEMPERATURE MEASUREMENT

PT100, Class A

OPERATING RANGE

- Ambient to 35°C
- Max. R.H. 80%

COOLING SYSTEM

- Single stage (for temperatures up to -40°C / 1)
- Double stage (for temperatures up to -80°C / 2)

DIMENSIONS AND WEIGHT

- 66 x 60 x 80 cm (WxDxH), 60 kg (up to 6 heads available)

ELECTRICAL SUPPLY

- 220V + 15% / 50 to 60 Hz (or) 115V + 15% / 60 Hz

Features

- Integrated Touchscreen Panel PC: 12-inch, TFT/LCD, high-resolution display
- Automated Operation: Delivers precise, consistent results, reducing human error
- User-Friendly Software Interface: Customize analysis parameters and methods
- Storage Capacity: users can store data files in an Excel-compatible format

MEASURING POUR POINT DEVICES

- Mechanical arm adjusts the position of the test jar

COOLING SYSTEM

- Integrated CFC-free motor compressors

SAFETY DEVICES

- Pressure controller for compressor
- Thermo-switch for each cooling/heating jacket
- Compressors equipped with internal overload devices

Test Standards

ASTM TEST METHODS

- ASTM D97: Standard Test Method for Pour Point of Petroleum Products
- ASTM D5853: Standard Test Method for Pour Point of Crude Oils
- ASTM D5950: Standard Test Method for Pour Point of Petroleum Products (Automatic Tilt Method)

IP AND ISO METHODS

- ISO 3016: Petroleum and related products from natural or synthetic sources — Determination of pour point
- IP 15: Petroleum products - Determination of pour point
- IP 441: Determination of the pour point of crude petroleum

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Questions?

Our experienced and knowledgeable staff can help you.

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