

AFPT900 Abel Flash Point Tester ISO 13736 Closed Cup method

Product Details

Product Number

PRO6386



Technical Specification:

Overview

The AFPT900 Abel closed-cup flash point tester is designed for determining the flash point of petroleum products and other liquids per IP 170, ISO 13736 and GB/T 21789. It covers low flash points down to $-30\text{ }^{\circ}\text{C}$ with a circulating cold source and is optimized for samples with flash points between $-5\text{ }^{\circ}\text{C}$ and $66.5\text{ }^{\circ}\text{C}$.

Key features

- Solid-state voltage regulator with digital heating voltage display for precise heating rate control.
- Adjustable motor stirrer (0–40 rpm); stirring auto-stops during ignition.
- One-button ignition performs slide cover action and ignition automatically.
- Top-mounted stirring device on cup cover; easy to remove for cleaning.
- Independent fine adjustment for pilot and test flames on gas line.

Technical specifications — AFPT900

Standards	IP 170; ISO 13736; GB/T 21789
Measuring range	$-30\ldots70\text{ }^{\circ}\text{C}$
Applicable precision range	Flash points $-5\ldots66.5\text{ }^{\circ}\text{C}$
Heating power / rate	0–450 W, continuously adjustable; $\sim 1\text{ }^{\circ}\text{C}/\text{min}$
Stirring speed	0–40 rpm, continuously adjustable
Flame size	3–4 mm diameter (adjustable)
Environment	$5\ldots35\text{ }^{\circ}\text{C}$; RH $\leq 85\%$; clean, non-corrosive, low EMF/airflow
Power / gas	AC 220 V $\pm 10\%$, 50 Hz; LPG/propane fuel
Dimensions / weight	390 × 270 × 430 mm; 12 kg

Accessories: