

Technical Data -Flash point Tester - PMA 5

Standard methods

Pensky-Martens methods for petroleum products:

ASTM D93 A+B+C, ISO 2719 A+B+C, JIS K 2265-3 A+B, IP 34 A+B, GOST R EN ISO 2719

Technical Specifications

Application range	about 40 °C to 405 °C from about +20 °C (with external pre-cooling)
Ignition	Gas and electric (interchangeable)
Flash detection	Thermocouple
Inlet Gas Connector	Propane/butane or natural gas, max 0.05 bar 8 mm outer diameter
Inlet Fire Extinguisher	CO ₂ or N ₂ , 6 bar - 12 bar 8 mm outer diameter
Temperature Sensor	Pt100, Class 1/3 B
Barometric pressure correction	Automatic correction
Safety	Overheat protection, automatic shut-off
Interfaces	3x USB, 1x RS232, LAN
Gas supply	50 mbar of propane or butane
Memory	1000 tests, 20 operator names and 100 samples
Statistics	Mean, Min, Max, Repeatability
Data Output	2 × USB-A for printer, keyboard and USB stick
	RS-232 for LIMS
	LAN for FTP
Safety	Overheat protection, automatic shut-off Automated fireextinguishing system A potential-free alarm relay contact is also available to connect a fire suppression or remote alarm system Password protection outside the cup Test aborted by warning message Detects a "flash"
Dimensions	approx. 230 mm x 460 mm x 390 mm