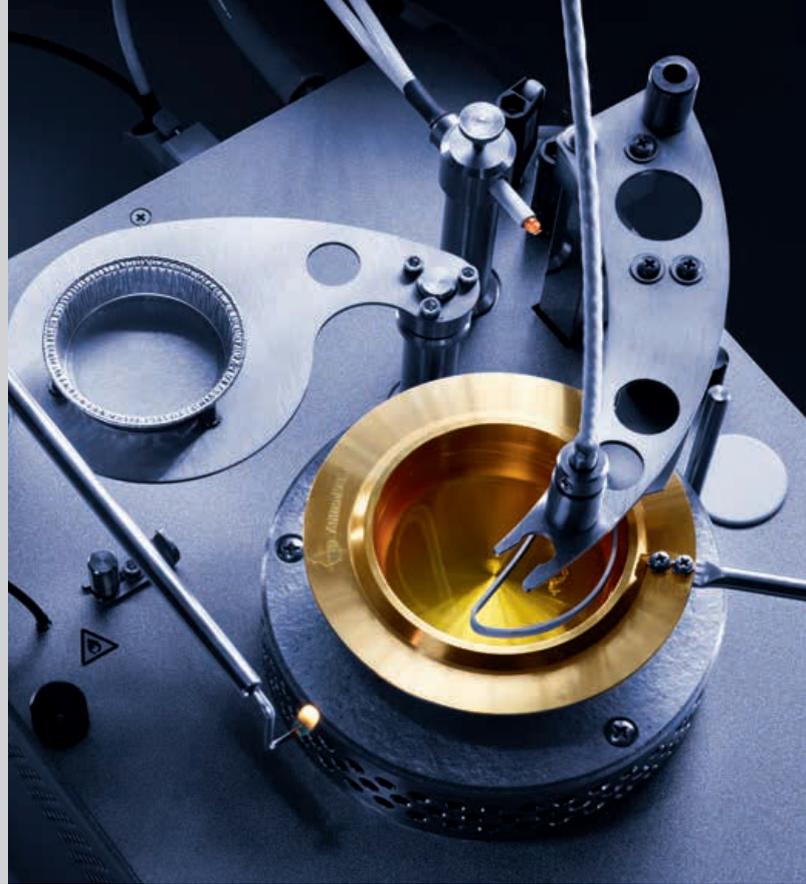Anton Paar

CLA 5

Cleveland Flash & Fire Point Tester

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Cleveland Flash & Fire Point Tester

The automatic Cleveland Open-Cup (COC) measures and describes the properties of a sample in response to heat and a test flame under controlled conditions. The flash point measures the tendency to form a flammable mixture with air while the fire point indicates the tendency of sustained burning.
The CLA 5 is suitable for flash and fire point applications of lubricants or bituminous material.

Benefits at a Glance
▸ Memory for 1000 tests, 20 operators, 100 sample names, 21 test methods
▸ Statistical analysis (Min, Max, Mean, Repeatability)
▸ Measures flash points of silicone samples without any problems
▸ Automatically lights up the test flame, relights it by an electric igniter and suppresses the gas source at the end of the test

Convenient Operation
▸ Test initiation by pre-installed standard test methods and ability to customize methods by 10 user-defined programs
▸ Alert messages for out-of-spec results
▸ Pt100 sample temperature probe calibration either by dynamic calibration against certified ASTM thermometer or by correction table with 21 calibration points
▸ Calibration protocol printout
▸ 5.7" color graphics display shows real-time measurement
▸ Menu navigation by jog shuttle system with easy turn-and-push operation and color-coded LED indication for each operation mode
▸ Data handling via USB stick for import into MS Excel ® or to LIMS

Customized User Flexibility
▸ PC-software FPPNet (optional) for convenient remote handling and test data storage
▸ Automatic skin removal kit (optional)
▸ Draft deflector (optional)
▸ Stainless steel sample temperature probe Pt100 (optional)

Standard Methods
ASTM D92, ISO 2592, JIS K 2265-4, AASHTO T48, FTM 791-1103, IP 36, GOST 4333

Technical Specifications	
Application range	up to 400 °C (°C/°F selectable)
Ignition	Gas
Heating	According to methods, programmable and pre-heat mode
Detection of flash and fire point	Ionization detector
Sample temperature	Pt100 glass probe
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
Power supply	115 V/230 V, 50 Hz/60 Hz, 600 W
Dimensions	230 mm x 390 mm x 460 mm (W x D x H)
Weight	12 kg

Your distributor:

www.anton-paar.com

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