

Flash Point Tester

The CMT Flash Point Tester is an automated closed cup instrument using just a 2 ml sample size.

Increased flash point in engine oils to about 200°C is an early indication for fuel dilution which can result in crankcase explosion.

The flammability of a material also determines its safety classification and the regulations under which it must be handled, stored and transported.

The **Electronic Flash Point Tester** is a compact, bench top / portable, Closed Cup Flash Point Tester designed to carry out 'flash / no flash' tests or to determine flash point values up to 300°C using either Ramp or Rapid Equilibrium methods.

The operating principle is that a cup containing the sample to be tested is electrically heated in a ramp function to automatically increment the temperature for repeated tests until a flash is



observed, or the end of the search range is reached, allowing rapid determination of samples.

The device also features a user-friendly yes/no test. It is heated to a user set test temperature. At the set temperature, a shutter in the lid is opened and a test flame is dipped into the vapour space above the sample. It can be determined if a sample has a flash point above or below the test temperature by detecting whether a flash has occurred or not.

Ordering Information

OTK-CT-11204

Electronic Flash Point Tester

Temp Range:	Ambient temperature (+5) to 300°C
Sample Size:	2-4 ml
Test Time:	OK in 2 minutes
Temp Running:	2° C/min.
Test Method:	Closed Cup
Resolution:	0.5°C
Accuracy:	0.5°C
Flash Detection:	Automatic
Voltage:	110-250 V
Frequency:	50/60 Hz
Power:	200 W
Weight:	4,3 kg

Note: A standard butane (lighter) refill cartridge is required for operation.

OTR-CT-11000

Test Kit Cleaner (250 ml)