

# Petroleum and Viscosity Testing



## Tag Closed Cup Flash Point Tester - Model ATG-7

Model ATG-7 automates **Tag Closed Cup (TCC)** flash point test. The ease of operation of the highly acclaimed predecessor models have been further improved by employing an arm assembly that allows an easy one-hand setup.

\*More reliable and easy to maintain flash detector: a low mass thermocouple

\*Draft protection: an acrylic windshield

\*Quick cooling after test: bath liquid automatically exchanged after a test

\***Test stds:** ASTM D56, etc.

\***range:** ambient to 95°C<sup>(1)</sup>

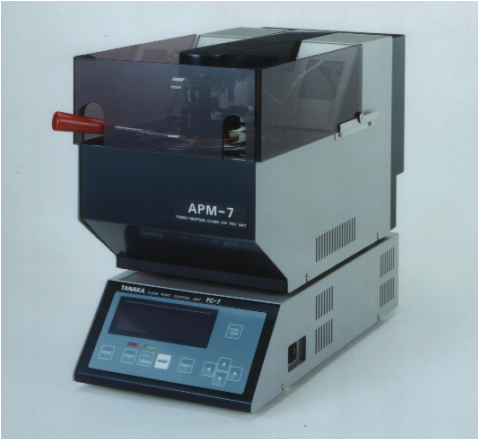
\***ignition source:** gas flame or electric coil (interchangeable)

\***size/weight:** 230w x 480d x 385h (mm)/21.5kg

\***power consumption:** 0.5kW

(1) ATG-7 requires supply of cooling liquid. For down to the ambient, tap water is suitable. For sub-ambient, inquire.

**Product no** 13650/41



## Pensky-Martens Closed Cup Flash Point Tester - Model APM - 7

Model APM-7 automates **Pensky-Martens Closed Cup (PMCC)** flash point test.

\*Cup cover and stirrer installed on a swing arm assembly for easy one-hand set-up.

\*More reliable and easy to maintain flash detector: a low mass thermocouple

\*Draft protection: an acrylic windshield

\*Quick cooling after test by a high velocity fan

**Test standards:** ISO 2719, ATSM D93/IP34 (procedures A & B), etc

**range:** 40 to 370°C

**ignition source:** gas flame with electric pilot or electric coil (interchangeable)

**size/weight:** 230w x 480d x 385h (mm)/24kg

**power consumption:** 0.7kW

**Product no** 13650/42



## Cleveland Open Cup Flash Point Tester - Model ACO-7

Model ACO-7 automates **Cleveland Open Cup (COC)** flash point test.

\*Dual electric pilots for gas flame: turns on and off automatically to turn on /off the gas flame.

\*Easy to maintain ionization rings for flash detection

\*Quick cooling after test by a high velocity fan.

\***test standards:** ISO 2592, ATSM D92/IP36, etc

\***range:** 80 to 400°C

\***ignition source:** gas with 2 pilot electric coils

\***size/weight:** 230w x 455d x 385h (mm)/20kg

\***power consumption:** 1kW

Asphalt version with automatic surface film skimming is available

**Product no** 13650/43



## Cleveland Open Cup Flash Point Tester - with 6 position carousel

### Model ACO-T602

Model ACO-T602 automatically carries out **COC** flash point test of up to **6 samples continuously**. For large sample numbers, this carousel model reduces the burden on the laboratory personnel.

\*Easy programming: up to 6 types of sample data can be sorted and later recalled for easy programming of routine tests.

\*Electronic ignition: Reliable, easy, and safe

\***test standards:** ISO 2592, ATSM D92/IP36, etc

\***type:** programmable with 6-position carousel

\***ignition source:** electric coils x 2

\***size/weight:** control unit: 230w x 455d x 110h (mm)/6kg  
test unit: 405w x 515d x 400h (mm)/32kg

\***power consumption:** 1.5kW

**Product no** 13650/44