

# AUTOMATED FLASH POINT TESTERS

Pensky-Martens Closed Cup Flash Point Tester

NEW

## apm-100

Since 1966, TANAKA has been delivering automated flash point testers to laboratories around the world, providing reliable results and high productivity to our valued customers.

The latest addition to the flash point series is the automatic Pensky-Martens Closed Cup flash point tester model apm-100. This model inherits the SIMPLICITY, RELIABILITY, and ROBUSTNESS of the established apm-8, while enhancing the user friendliness and intuitiveness by introducing a color touch screen interface.

### Other key new features include:

- Flexible **CUSTOM** modes to allow free setting of stirring speed, heating rate, ignition source application timing, pre-heating of sample, etc.
- **ONE-TOUCH** arm cover removal for easier igniter replacement and maintenance.
- Additional emergency switch at front panel for increased **SAFETY**.
- Replacement parts such as igniter, temperature sensor, flash detector, and sample cup are all **COMPATIBLE** with apm-8 to accommodate our long term happy users.

### Key features inherited from the previous model:

- From the HOME window, **SIMPLY** select a default mode such as ASTM D93 / ISO 2719 Procedures A/B/C or ISO 15267, set the expected flash point, and START.
- Standard equipped with fire containment system.
- Easy **CONVERSION** between gas and electric ignition.



Fire containment system



Test Methods	ASTM D93, JIS K 2265-3, ISO 2719, ISO 15267, IP34
Measuring Range	Ambient to 370 °C
Temperature Sensor	PT-100 in stainless steel sheath
Flash Detector	CRC thermocouple
Ignition Source	Gas ignition with automatic lighting or electric ignition, interchangeable
Test Modes	ISO/ASTM A-CRM, ISO/ASTM A-Normal, ISO/ASTM A-SPE, ISO/ASTM, B-CRM, ISO/ASTM B-Normal, ISO/ASTM B-SPE, ISO/ASTM C-Normal, ISO/ASTM C-SPE, ISO 15267, and User Custom
I/O Port	USB Port x 2, Ethernet x 1
Size (W x D x H)	230 x 470 x 400 mm
Weight	18 kg
Power Consumption	AC 100 V to 120 V 900 VA (max) 50 / 60 Hz AC 220 V to 240 V 900 VA (max) 50 / 60 Hz

