

**AUTOMATED
CLEVELAND
OPEN CUP
FLASH POINT
TESTER
ACO-7**



Simplest & Easiest Operation

Model ACO-7 is the latest version of the automated Cleveland Open Cup(COC) flash point tester from Tanaka. When this seventh generation model was designed after 35 years of delivering the automated flash point testers to the petroleum industry, ease of operation and maintenance was sought.

While data processing functions such as data storage and statistical analysis can be added to the automated flash point testers, these functions were excluded from the standard specification, since it was found that very few users would use these functions and the addition of such extra functions could make the operation of the regular flash point determination complicated.(*1)

*1: To operate the data storage/statistical functions with ease, more number of keys as well as more information displayed on the screens are necessary. These features make the set up of a simple flash point test complicated. Should the user require a data storage function, an optional software is available.

SINGLE ACTION SETTING: The flash detector rings and the temperature sensor are permanently mounted on a swing-arm assembly, which allows an easy setting of the specimen

EASY OPERATION: Select a test mode and enter the expected flash point; while the instrument executes the test, you are free to do other lab work. The tester follows the exact procedures prescribed in the test method, and the completion of the test cycle is signaled by beeps. The test result is brightly shown on the VFD module.

AUTO FIRE POINT DETECTION: In addition to the flash point, fire point can be determined automatically. The fire point is detected when the double Ionization rings detects 5 sec of continuous burning.

AUTO FIRE CONTAINMENT: ACO-7 is equipped with a fire containment lid which activates automatically to help putting out fire when ACO-7 detects a fire point or specimen is burning up heavily.

MODULAR DESIGN: The tester consists of a computer control unit and a test head unit, allowing remotely placing the test head unit up to 3 meters away. An optional Changeover unit can be purchased to attach the control unit to another type of flash point test head unit (APM-7 or ATG-7). The control unit is designed to control any type of the three different flash point test head unit, but one at a time.

