

Petroleum and Viscosity Testing

Automated Distillation Tester - Model AD-6

Model AD-6 automatically performs distillation test of petroleum products as well as narrow boiling range samples. The 6th generation automated distillation tester had been developed to further enhance the ease of use and friendliness to the environment.



- *Easy operation: Menu driven programming
- *Small size: 400w x 530d x 700h. Smallest footprint fits on a lab bench easily
- *Fully self-contained design: For ease for use and higher reliability
- *Ecology: Cooling by Peltier coolers, CFC free.
- *Fire containment system: N₂ injection with mechanical shutter(std) or CO₂ gas injection (opt)
- *Optional Windows software: for monitoring, programming and data storage

test stds: ISO3405, ASTM D86/8501078, etc

*with options

*range: RT to 300°C /RT to 400°C

*corrections: loss, barometric, hesitation point, etc.

*test parameters: programmable prior to a test and can be recalled at any time.

*condenser bath: metallic bath with Peltier coolers

*size/weight: 400w x 520d x 710h (mm) 55kg

*power consumption: 1.5kW

AD-6 requires N₂ gas for fire containment system

Product no **13650/50**

Carbon Residue Tester - Micro Method: Model ACR-M3



ACR-M3 automates the vaporizing/coking process of **Micro caron residue test**, the result of which has been found well correlated with conventional Conradson methods. Furthermore, due to its more consistent process, it yields better precision. This second generation model has been further improved for its ease of use and test throughput.

*test stds:ISO 10370, ASTM D4530, etc.

*range: RT to 500°C

*N₂ gas flow rate: automatically regulated, and displayed on the front panel.

*size/weight: 350w x 390d x 460h (mm)/21kg

*power consumption: 1.6kW

Model ACR-M3 requires N₂ gas supply.

Product no **13650/51**

Carbon Residue Tester - Conradson Method: Model ACR-6



ACR-6 automates the cracking/coking process of Conradson carbon residue test. The microprocessor controlled oven requires less experience to conduct the tedious process and therefore yields more consistent test result.

* Easy operation: Optimum heater output for prescribed burning process is programmed with ease prior to test.

Once a test starts, no further adjustment needs to be done

*test stds:ISO 6615, ASTM D189, IP13, etc.

*process control: by microprocessor

*ignition detection: by sheathed thermocouple

*size/weight: control unit: 250w x 360d x 190h (mm)/7.5kg

oven: 190w x 260d x 440h / 5.5kg

*power consumption: 2.2kW

Product no **13650/52**