

Micro Conradson Carbon Residue and Ash Tester

test method

Determines the amount of carbon residue formed after evaporation and pyrolysis of petroleum materials under certain conditions and is intended to provide some indication of the relative coke forming tendency of such materials.

micro-carbon residue and ash tester

- Maximum Test Temperature: 800°C
- 2 Preset methods: Micro-Carbon and Ash Tests
- Provision for creating 18 additional methods with 4 heating segments each
- Data Storage: 200 Results
- Quick access to calibration parameters Auto Diagnostic
- Automatically controlled atmosphere

The Micro Conradson Carbon Residue and Ash Tester features a display screen that allows for friendly and easy use of the apparatus. All access to the calibration, maintenance, language selection, and safety parameters are achieved through the keyboard and protected by a password. A manometer located in the front of the instrument displays the admitted pressure and a flow meter reads the gas flow in the oven. Each solenoid valve can be either manually or automatically activated. The detailed test reports can be printed out in 40 or 80 columns or read on the display screen. Initial and final weights can be added to test reports and the carbon residue will automatically be calculated at the end of the test. The instrument provides a front access to a condensing pot for easy cleaning of all ducts between the oven, the pot, and the chimney using the supplied accessory. The instrument is equipped with a RS232 connection for data transfer to a supervisor or LIMS system. In addition, the ticket printer (delivered with the apparatus) can be connected to a parallel output.

specifications

Conforms to the specifications of: ASTM D4530, D189;
IP 398, IP 13; ISO 10370, ISO 6615; DIN 51551

Included Accessories

3 Vial Holders: Large, Small, and Mixed
Cleaning Cable
Hook for safe hot lid manipulation
Pipes for gas connection
Supervisor software and serial connection
Extension pipe for exhaust chimney
SEIKO ticket printer

Dimensions l x w x h, in. (cm)

24.8 x 16.9 x 18.9 (63 x 43 x 48)

Net Weight: 115 lbs (52.2 kg)



K41091 Micro Carbon Residue and Ash Tester

ordering information

catalog no.	description
K41091	Micro Carbon Residue and Ash Tester, 230V 50/60Hz

accessories

K41000-7	Gas Connection Kit - 2 Gas Outputs
K41000-9	Holder for 25-50-100 g Porcelain Crucibles
K41000-1	Pack of 6 Porcelain Crucibles, 120 ml, Tall Form
K41000-10	Pack of 6 Porcelain Crucibles, 40 ml, Tall Form
K41000-11	Pack of 6 Porcelain Crucibles, 80 ml, Low Form

consumables

K41100-3	16 ml vials (pack of 144) for single use
K41100-4	2 ml vials (pack of 144) for single use
K41000-2	2 ml Borosilicate glass sample vial, single use (MRC test)
K41000-3	16ml Borosilicate glass sample vial, single use (MRC test)
K41000-4	2 ml Quartz sample vial, re-usable (Ash Content test)
K41000-5	16 ml Quartz sample vial, re-usable (Ash Content test)
K41000-8	4 ml Borosilicate glass sample tube (MRC test)