

# MODEL NMC 215

## HALF-AUTOMATED MICRO CONRADSON CARBON RESIDUE TESTER



### STANDARDS

ASTM D 4530, D 189, ISO 10370, IP 398 and related methods.

### SCOPE

This test method, equivalent to the Conradson Carbon Residue test, covers the determination of the carbon residue amount formed after evaporation and pyrolysis of petroleum materials under certain conditions and is intended to provide some indications of the relative coke forming tendency of such materials.

## SPECIFICATIONS

**NMC 215** is an half automated unit for performing MCRT analysis. It gives the amount of carbon residue formed after evaporation. Quick start of test, temperature and nitrogen control are automatic and in accordance with the method.

### Key features

- Performs automatically under controlled atmosphere by programmed controller
- Maximum test temperature : 550°C
- Temperature measurement resolution : 1°C
- Automatic temperature cycle
- Carbon residue range 0.1% to 30.0% (m/m)
- Automatic nitrogen flow rate switch

### Safety

- Quick control of nitrogen flow rate on front panel
- Flowmeter

### User-friendliness

- Very easy setup
- Precise and automatic temperature ramp and gas flow control
- 12 sample capacity
- Calibrated for precise temperature rate

## ORDERING INFORMATION

### NORMALAB production - Half-automated model of carbon residue determination

**941690**

#### Scope of delivery:

**NMC 215** is delivered ready to use with:

- 12 x 2 ml sample vials (P/N 41001)
- Vial holders: 12 place 2ml (P/N 41005)
- Cleaning cable (P/N 41045)
- Hook for safe hot lid manipulation (P/N 41008)

Gas connection necessary

#### Site requirements:

- Power supply: 230 V - 50/60 Hz - 1500W
- Dimension: (W) 250 x (D) 300 x (H) 600 mm
- Weight: 19 kg

Air filtered and Nitrogen purity 99,998%: 2,5 bar max



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