

Product Name :
Astra Scientific Ramsbottom Carbon Residue Apparatus

Product Code :
FuelTesting0026



Description :

Astra Scientific Ramsbottom Carbon Residue Apparatus

Technical Specification :

Standard: ASTM D524, D6074; IP 14; ISO 4262; FTM 791-5002; NF T 60-117

Test Method: Determines the 'carbon residue' left after evaporation and pyrolysis of a sample oil in the Ramsbottom furnace, providing an indication of the deposit forming tendencies of fuels and guidelines for the processing of refinery products.

Ramsbottom Carbon Residue Apparatus: Microprocessor temperature control with digital display and over temperature cut-off. Thermostatically controlled coking furnace for five samples. Cast-iron block type furnace reaches the standard test temperature of 550°C (1022°F) rapidly and controls with $\pm 1^\circ\text{C}$ stability. Microprocessor temperature control has $^\circ\text{C}/^\circ\text{F}$ switchable digital setpoint and display. Operator and equipment are protected by an over temperature control circuit which automatically interrupts power to the unit should block temperature exceed the programmed cut-off point. Communications software (RS232, etc.), ramp-to-set and other enhanced features are available as extra cost options. Contact your Koehler representative for information. Heavily insulated stainless steel cabinet with three-layer refractory top provides excellent heat retention.

Specifications:

Conforms to the specifications of: ASTM D524, D6074; IP 14; ISO 4262; FTM 791-5002; NF T 60-117

Furnace Type: Cast iron block

Capacity: 5 coking bulbs

Maximum Temperature: 650°C (1200°F)

Controller Sensitivity: $\pm 1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$)

Heater: 0-2400W, ceramic band heater

Electrical Requirements :115V 60Hz, Single Phase, 20.8A ; 220-240V 50/60Hz, Single Phase, 10.9A



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