

CATALOG

# VeroRes

RAMSBOTTOM CARBON RESIDUE



VeroRes

# TECHNICAL PARAMETERS

Quantifies residual carbon to assess fuel deposit formation and refining performance

The instrument measures the residual carbon remaining after controlled evaporation and pyrolysis of an oil sample in a Ramsbottom furnace. This measurement provides valuable insight into fuel deposit formation tendencies and supports evaluation of refining and fuel quality performance.

### FEATURES

- Conforms to ASTM D524 and related specifications
- Microprocessor temperature control with digital display and over-temperature cut-off
- Thermostatically controlled coking furnace capable of processing five samples.
- Cast-iron block type furnace reaches the standard test temperature of 550°C rapidly and controls temperature with  $\pm 1$  °C stability.
- Microprocessor temperature control with digital setpoint and display.
- Protected by an over-temperature control circuit which automatically interrupts power to the unit when the block temperature exceeds the programmed cut-off point.

### SPECIFICATIONS

Conforms to	ASTM D524, D6074; IP 14; ISO 4262; NF T 60-117
Furnace Type	Cast iron block
Capacity	5 coking bulbs
Maximum Temperature	650°C
Controller Sensitivity	$\pm 1$ °C
Heater	0-2400 W, ceramic band heater



APPLICABLE

**REFERENCES**

# REFERENCES



**VeroVis**  
Kinematic Viscometer



**VeroRes**  
Carbon Residue  
Analyzer



**VeroXi**  
Oxidation Stability  
Analyzer



**VeroAsh**  
Ash Content Furnace



**VeroDry**  
Moisture Evaporator



**VeroCal**  
Heat Com. Calorimeter



**VeroCor**  
Copper Corrosion Bath



**VeroFoam**  
Foam Tendency  
Analyzer

PHONE  
+1781818 8133

EMAIL  
sales@verosci.com

WEBSITE  
www.verosci.com

ADDRESS  
Vero Scientific LLC  
867 Boylston Street  
5th Floor #1409  
Boston, MA 02116  
United States

Copyright © 2025  
Vero Scientific  
All rights reserved.



As Vero Scientific, we provide advanced measurement technologies, preventive maintenance solutions, and cloud-based analytics for oil and fuel analysis. Our mission is to empower industries with precise, reliable, and sustainable solutions.