



CARBON BLACK CONTENT TESTER

QualiCBCT-200

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The Carbon Black Content Tester QualiCBCT-200 is **designed to measure the carbon black content in materials** such as polyethylene, polypropylene, polybutylene plastics, cable and optical cable insulation, sheath materials, and rubber. **Ideal for quality control** in industries where precise carbon black content measurement is critical, this state-of-the-art instrument conforms to international standards including **IEC60811-4-1:2004**, ensuring reliable and accurate results.

It features high-temperature pyrolysis in a nitrogen environment for precise measurement. A 7-inch LCD touch screen display allows for easy monitoring of parameters, and automated heating ensures high temperature control accuracy. The excellent constant temperature functionality guarantees consistent measurements every time. Additionally, the integrated control system simplifies operation while providing comprehensive analysis, clearly displaying all relevant parameters.

Choose the QualiCBCT-200 for precise, reliable, and efficient carbon black content testing.



FEATURES/ADVANTAGES



Aesthetic Design with Integrated Control: The instrument features an aesthetically pleasing appearance and a seamless integrated control system.



Automated and Accurate Heating: Automatically heats to the desired value, ensuring high temperature control accuracy and supporting a wide temperature range.



User-Friendly Interface: Equipped with a 7-inch LCD touch screen display, allowing for easy monitoring of set parameters.



Consistent Temperature Control: Offers excellent constant temperature functionality, providing reliable and consistent results.



Comprehensive Parameter Display: Displays all relevant parameters clearly, making it easy to monitor heating and constant temperature duration during operation.

TECHNICAL SPECIFICATIONS

Model	QualiCBCT-200
Display method	7-inch capacitive touch screen
Furnace size	Φ 45 X 300±5mm
Heating element	High temperature alloy wire
Heating zone length	250mm
Working temperature	RT~1150 °C
Temperature control	Intelligent programmable control with segmented program settings
Voltage	AC220V/50HZ/60HZ (110V also available)
Sensor sensitivity	0.1°C
Air circuit control	Two ways, automatic program switching
Cooling method	Rapid cooling (≤ 20min, 900 °C to room temperature)
Number of test samples	Test 4 samples at a time
Data calculation	The software comes with calculation function, one click calculation.
Sample rack	Customized guide rail sample holder for easy sampling and setting out
Filtering device	Equipped with exhaust gas filtration device
Printing	With printing function



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Contact us for your nearest regional sales office, service center or distributor.

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