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**AGILE, ROBUST,
SMART LAB SYSTEM.
SUSTAINABILITY AND RESILIENCE.**

AL KAR CARBON BLACK CONTENT TEST EQUIPMENT

**ISO 6964,
ASTM D 1603**
standards.

Alarge AL KAR Carbon Black Content Test Equipment performed to measure the carbon black content of the engineering plastics.

TECHNICAL PROPERTIES

- In compliance with international standards
- Operation under high temperature, inert atmosphere
- The amount of carbon black is calculated from the weight difference.
- Gas cleaning system
- Precise carbon determination by inert atmosphere control
- PID Control System
- Touch screen operation panel
- Temperature range of 550 and 900 ° C
- Quartz tube and ceramic insulation.



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AL KAR CARBON BLACK CONTENT TEST EQUIPMENT TECHNICAL SPECIFICATIONS

MODEL	AL-KAR 1	AL-KAR 2	AL-KAR 3
Standards	ISO 6964, ASTM D 1603		
Type	Single Furnace	Double Furnace	Triple Furnace
Temperature Range	50-900 °C		
Temperature Sensitivity	0,1°C		
Temperature Control	Digital PID		
Max. Sample Weight	2 g	2 x 2 g	3 x 2 g
Gas	%99,9 Nitrogen		
Net Weight	40 kg	60	80
Voltage	220 V		
Dimensions(WxLxH) cm	40x70x70	40x85x70	40x100x70

AL KAR – 2, 3 CARBON BLACK EQUIPMENT WITH MULTIPLE FURNACES

**POSSIBILITY TO PERFORM MULTIPLE
SEPARATE TESTS AT THE SAME TIME**

Apparatus:

- ✓ ceramic boat crucibles
- ✓ drying tube and wash bottles for safety
- ✓ Quartz test tubes
- ✓ Gas cleaning apparatus

