Core Drilling Machine Ø 30 mm

RDC-213

R&D Carbon

Lining | Lab

General Description

The Core Drilling Machine Ø 30 mm (RDC-213) is designed for drilling cylindrical core specimens with a diameter of 30 mm from samples up to 50 mm (± 2 mm) in diameter, with a maximum length of 130 mm. The drilled test specimen must be cut to the required length after the drilling using a suitable saw (Anode Core Saw RDC-140 or Diamond Wheel Saw RDC-148 or Grinding Machine RDC-149).
Core specimens with a diameter of 30 mm are required for the following test methods:

- Rapoport Swelling Test (RDC-193)
- Thermal Conductivity (RDC-143) on cathode specimens.



Technical Information

Function	Drilling of Ø 30 mm cores in Ø 50 mm cores
Test Specimen	Core Ø 50 x up to 130 mm
Process Time	~ 2 minutes
Installation	Workbench
Dimensions (LxWxH)	50 x 40 x 95 cm
Weight	30 kg
Electrical Property	230 V 1/N/PE, 50 Hz 2 kW, 9.3 A
Fluid Prperty	Water : 150 l/h, 3-7 bar
Database Connection	No

Additional Recommended Equipment

Drilling Machine Ø 50 mm (RDC-157 or RDC-179)
Saw (RDC-140 or RDC-148 or RDC-149)