

Grinding Machine

RDC-149

Electrodes

Lining

Lab

General Description

To measure the thermal conductivity with the RDC-143 apparatus, high precision of the parallelism of the sample's surfaces is required to obtain correct measurements.

The RDC-149 apparatus provides the required precision. A core sample with a diameter of 30 or 50 mm can be cut to a height of 20 mm by two planar and parallel discs.

Alternatively, for a typical anode evaluation, this sample preparation can be done in one step by using the RDC-140 equipment.



Technical Information

Sample	Core up to Ø 50 x up to 300 mm
Process Time	~ 1 minute
Installation	Workbench
Dimensions (LxWxH)	81 x 54 x 44 cm
Weight	116 kg
Electrical Property	230 V 1/N/PE, 50 Hz 0.5 kW, 2.2 A
Fluid Property	Water : 150 l/h, 3 - 7 bar
Database Connection	No

Additional Recommended Equipment

Drilling Machine (RDC-157 or RDC-179)
Drying oven (min. temperature 180° C)