

RDC-149

GRINDING MACHINE

Material type

GRANULAR
PITCH
ELECTRODES
LINING

Utilization

R&D
IN-PLANT
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 Ø50 mm with length 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 3–7 bar, 150 l/h
Database Connection:	No

Additional Recommended Equipment:

Drilling machine (RDC-157 or RDC-179)

Drying oven (min. temperature 180°C)

