

# RDC-149

## Name 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

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

### Additional Recommended Equipment:

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

