

Diamond Wheel Saw

RDC-148

R&D
Carbon

Electrodes

Lining

Lab

General Description

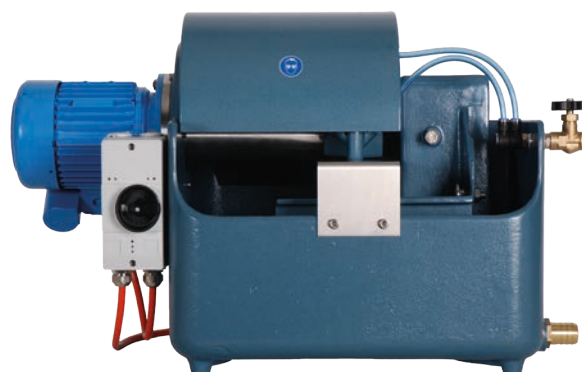
Depending on the analysis to be performed, cutting the electrode core to different lengths is required.

This can be done by using the RDC-148 saw, which is equipped with a single blade. The length of the sawing table is initially adjusted to 130 mm and steel stoppers with different lengths are used to obtain the required sample dimensions.

Samples with a diameter of up to 50 mm and a length of up to 350 mm can be cut with this equipment. Water is sprayed onto the blade during operation, a drying step is then required prior to performing any subsequent testing.

For information, this equipment is not suitable for the sample preparation of the thermal conductivity test (RDC-143). These samples should be prepared with the RDC-149 Grinding Machine to ensure the parallelism required for this test.

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



Technical Information

Sample	Core up to Ø 50 x up to 350 mm
Process Time	~ 1 minute
Installation	Workbench
Dimensions (LxWxH)	80 x 53 x 44 cm
Weight	85 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)