

RDC-157

Name CORE DRILLING MACHINE

Material type
**GRANULAR
PITCH
ELECTRODES
LINING**

Utilization
**R&D
IN-PLANT
LAB**

General description
To achieve a good and stable electrode performance, a well-defined routine quality control with unbiased sample preparation is required. The sample preparation is often underestimated, as a sampling procedure with inappropriate equipment will falsify the test results.

The RDC-157 apparatus is a specifically designed core drilling machine to ensure a correct sample preparation. The apparatus consists of a core bit driven by an electrical motor. A pressure gauge combined with an adjustment valve allows controlling the speed for automatic drilling operations. Cores with a diameter of 50 mm and a length of approximately 250 mm are prepared for the subsequent evaluation of properties. The installation of the RDC-157 apparatus requires a specific frame determined by customer requirements which is not supplied with the equipment.

Technical information

Function:	Drilling of electrode cores
Sample:	Electrode block
Process Time:	~ 5 minutes
Installation:	On specific frame
Dimensions (LxWxH):	97 x 61 x 180 cm
Weight:	270 kg
Electrical Property:	400 V 3/N/PE, 50 Hz 2.1 kW, 5.3 A
Fluid Property:	Water 3–7 bar, 480 l/h
Database Connection:	No

