

Core Drilling Machine

RDC-157

Electrodes Lining In-Plant

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 : 480 l/h, 3-7 bar
Database Connection	No

Additional Recommended Equipment

Specific frame for installing the equipment