

RDC-181

Name TUMBLING APPARATUS

Material type

GRANULAR
PITCH
ELECTRODES
LINING

Utilization

R&D
IN-PLANT
LAB

General description

The anode CO₂ and air reactivities are measured with the RDC-146 and RDC-151 equipment respectively. After cooling down to ambient temperature, any loosely bound particles on the residual sample have to be removed to quantify the dusting propensity.

The removal of the loosely bound particles is conducted with the RDC-181 apparatus, where the residual core sample is tumbled with steel balls for a given number of revolutions.

RDC-181 is available with 2 or 6 tumbling units.

Technical information

Standard Method:	ISO 12988-1, ISO 12989-1
Sample:	Core Ø50 x 60 mm after reactivity testing
Process Time:	~ 25 minutes
Installation:	Workbench
Dimensions (LxWxH):	72 x 62 x 45 cm
Weight:	65 kg
Electrical Property:	230 V 1/N/PE, 50 Hz 0.2 kW, 1 A
Database Connection:	No

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Additional Recommended Equipment:

CO₂ Reactivity Anode (RDC-146)

Air Reactivity Anode (RDC-151)

