

# RDC-181

## Name **tumbling Apparatus**

Material type  
**Granular  
Pitch  
Electrodes  
Lining**

Utilization  
**R&D  
In-plant  
Lab**

General description  
The anode CO<sub>2</sub> 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.

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:	230V 1/N/PE, 50 Hz 0.2 kW, 1 A
Database Connection:	No

### Additional Recommended Equipment:

CO<sub>2</sub> Reactivity Anode (RDC 146)

Air Reactivity Anode (RDC 151)