Product name:	Product code:
Slake Durability Test Apparatus for Weak Rock	CMI-IND-0019

Description

Rotating drum apparatus with water bath for measuring slake durability index of shales, mudstones and weak rocks. Used in tunnelling, mining and slope stability studies.

Technical specification

- Two mesh drums
- Spare drum shaft
- Timer

Rock lumps are rotated in a wire mesh drum partly submerged in water for two cycles of 10 minutes, and the retained weight gives the durability index. The apparatus is used to assess weathering and disintegration potential in weak or clay-bearing rocks. Two drums can be tested at once.

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Features

- Two mesh drums 140 mm dia with 2 mm openings
- Motor-driven rotation at 20 rpm
- Stainless steel trough with water level mark
- Digital timer with auto stop
- Works with 10 lumps of 40 to 60 g each

Technical Specifications

Drum diameter	140 mm, length 100 mm
Mesh opening	2.0 mm
Drum speed	20 rpm
Cycle time	10 minutes, preset timer
Trough	Stainless steel with drain
Standards	ASTM D4644, ISRM suggested method
Power supply	230 V AC, 50 Hz

Standard Accessories