



THE LAB EQUIPMENT

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**Product Name :**

Slake Durability Test Apparatus

**Product Code :**

SLE/CE/105



## Description :

### Specification:

- The slake durability apparatus consists of a motorised drive unit which is mounted on a baseplate and which can rotate two or four drums at a speed of 20 r.p.m.
- The percent loss of mass is referred to as the slake durability index.
- The tank assemblies are filled with water to a level 20mm below the drum axis.
- The test drums are manufactured from 2.00 mm mesh, 140 mm dia. X 100 mm long.
- Samples are alternately tumbled in mesh drums through a water medium and oven-dried for two cycles.
- Slake durability is a simulated weathering test to determine abrasion resistance during wetting and drying cycles of shale and similar soft rocks as used in embankments and other construction-related applications.

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