



Slake Durability Apparatus

Code: [77-0510/01](#)

Product Group: [Sample Preparation](#)

This equipment has been developed to assess the durability of rock to weakening and disintegration when subjected to the simulated effects of climatic slaking.

The rock samples are dried and then submitted to wear stress inside a drum which is rotated in water. The test is repeated and the wear is given by the loss of weight in the sample. The system incorporates a motor drive unit mounted on a baseplate which revolves two (or up to four) Stainless Steel drums manufactured from 2 mm mesh, 140 mm diameter x 100 mm long. The tanks are filled with water to a level 20 mm below the drum axis. A digital timer automatically stops the motor after the pre-set time. The equipment is supplied complete with two drums with tanks.

Further Information

Complies to ASTM 04644