



Wherever in the world quality matters

Surface Abrasion Tester for Ceramics Testing to ISO 10545-7

Overview

SAT-10545-7 Surface Abrasion Tester

An instrument to determine the abrasion resistance of glazed ceramic tiles to ISO 10545-7

Details

The Surface Abrasion Tester enables glazed tile samples to be locked onto the tester bench and an



abrasive charge is added to a cup which has defined dimensions

The sample is submitted to a series of swinging vibrations at the end of which, after surface cleaning, the tile is compared with other samples which have not been abraded.

The sample is then classified according to the number of revolutions carried out with no visible abrasion marks on its surface

Features

- * Solid and easy to use
- * Automatic stop at the end of pre-set revolutions
- * Variable speed
- * Can be operated with wet charges (PEI) or dry charges (MCC)
- * Power 380 V, 50 Hz, three phases

Can be supplied with 1, 3 or 6 test stations

Each tester is supplied with

1 set of wet abrasive charges (PEI)

1 set of dry abrasive charges (MCC)

1 set Corundum (white fused aluminium) for PEI charges (50 cc)

1x 50 cc of Silicon Carbide

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To perform this test to ISO10545-7 you will also need

a PEIBOX/B Observing System

a Laboratory drying oven

Product Code

SAT10545-7-1 Surface Abrasion Tester with 1 test station

SAT10545-7-3 Surface Abrasion Tester with 3 test stations

SAT10545-7-6 Surface Abrasion Tester with 6 test stations

Accessories

Float Glass Calibration Plate SAT10545-7-FGC

(dimensions 100x100x6 mm with marked calibration side)

Abrasive packs (1 pack per test station) SAT10545-7-ABRP comprising :-

PEI Abrasive Pack (500gm)

MCC Abrasive Pack

Corundom (white fused alumina

Silicon Carbide

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