



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

TILE ABRASION TESTING MACHINE WITH DIGITAL COUNTER-

Compliance Standards:

IS : 1237-1980, IS : 1706 - 1972

Applications:

This is used for determination of resistance to wear for Cement & Concrete flooring tiles.

How it works?:

The tile sample of 7.06 cm x 7.06 cm is pressed under a specified load against a grinding path strewn evenly with an abrasive powder revolving at the rate of 30 ± 1 r.p.m. At the end of 100 revolutions of the disc, the second parallel side of the tile is subjected to wear for an equal number of revolutions of the disc. The wear of tile is measured using a thickness gauge

Details of the equipment:

The Abrasion testing machine consists of following parts and accessories

- A replaceable grinding path fitting on to a disc rotating its vertical axis.
- The rotating disc and grinding path are enclosed by a circular tray.
- A bracket to hold the test specimen of 7.06 cm x 7.06 cm size.
- The loading is by a counter balanced lever.
- A funnel is provided to facilitate charging the grinding path with abrasive powder.
- Supplied complete with automatic preset revolution counter and one 7.5 kg weight
- Also supplied with 1 kg abrasive powder and dial thickness gauge of 0.01 x 25mm to measure abrasion of tile after the test.
- Suitable for operation 230 V, single phase, Ac supply.

Optional accessories at extra cost:

- 1) Electronic balance 2 kg x 0.1 Grams @ Rs 7950.00



Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

B-14, Zaveri Industrial Estate, Opp. Shyam Villa,
Singarva-Kathwada Road,
Kathwada, Ahmedabad-382 430.
Phone : (079) 6604 0660 • Fax : (079) 6604 0600
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F