



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

BRE SCREED TESTER WITHOUT DIAL GAUGE



Dense floor screeds which on visual inspection appear to be sound, i.e. able to withstand imposed loads and traffic, may in fact be sub-standard. Specifications often state that the cement /sand screed should be semi-dry, a consistency which when manually compressed may result in the lower layers being insufficiently compacted. This may cause the screed to fail under the impact of heavy traffic or furniture movement. Subsequent remedial work on the screed is often costly and time consuming.

The tester is designed to measure screed soundness as early as 14 days after laying. The device consists of a 1 meter long, cylindrical guide rod, along which an annular weight of 4 kg travels when released. At the bottom of the guide rod the weight strikes the collar of a case-hardened steel anvil which transmits the impact to the selected area of the screed. Research has shown that four successive impact blows on the same spot are sufficient to test the soundness of the screed. Any area where the impacts produce an indentation of 3 mm or less can be considered sound, according to current data. Where the indentations are greater than 5 mm the screed is considered and may fail when in use. BS 8203 gives guidance on the type of use of a floor and its associated acceptance limits after four drops of the weight. The depth of indentation is measured with a purpose-made mechanical gauge or a more sophisticated direct-reading digital electronic gauge which is available if required.

Specification :

- Drop weight (normal screeds): 4 kg
- Drop weight (floating screeds): 2 kg
- Drop height: 1000 mm
- Contact area of anvil: 500mm²
- Overall dimensions of carrying case: 515 mm x 375 mm x 125 mm

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:

Survey No. 1098, Nr. Mahakali Temple,
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Tal-Daskroi, Ahmedabad-382 433.
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GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



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- Weight of BRE screed tester in case: 11.75 kg
- Complete kit with certificate of conformity

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