



Description

TOUCH SCREEN control panel and automatic pace rate control to control the rate of loading at 1 Newton per mm square per second. Capacity 1000 kgf. Least count 0.1 kgf. with adjustable test span to accommodate different size tile specimen up to 120 x 120 cm. Direct reading of MOR value in KN or Kgf. Working on 230 V AC single Phase 60 Hz.

Introduction:

- Capacity : 1000 kgf
- Least Count : 0.1 Kgf
- Accuracy : 0.2% of Full Scale

Key Features

- Standard Digital Model with Load Cell
- Suitable for fired sample test on the same machine
- Suitable for MOR Test of Ceramic Tiles / Bars as per ISO : 10545 (Part-4) and IS : 13630
- Direct reading possible for different shapes of tiles (Square, Rectangular and Round)
- Direct Display of Load / Collapsing Force
- Selectable Test Units - Kg, KN
- Auto-stop upon completion of Test
- Provision for emergency switch in case, if user wants to stop the load applicator at certain height
- With LCD Display digital control panel.
- INTERGERATED AC INDUCTION MOTOR WITH DRIVE to control rate of Loading.
- With special guard to protect the operator against Ceramic splinters
- With 2 Rubber Lined rollers of 30 mm diameter
- With adjustable Test Span
- With Auto-Calibration facility using standard Cast Iron Weights and standard code (Weights will not be supplied with the machine)
- Complete Unit is powder coated in attractive shades

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Operation on 230 Volt, 50 Hz, Single Phase, AC Supply

Support Rod and Central Load Applicator

- 02 Nos. cylindrical support rods and 01 central load applicator rod covered with rubber
- One cylindrical support rod is slightly pivotable
- Other cylindrical support rod is slightly rotatable about its own axis.
- Diameter of all Metal rods : 20 ± 1 mm
- Thickness of rubber : 5 ± 1 mm
- Hardness of rubber : 50 ± 1 mm

Note : 3 KVR servo controlled stabilizer is recommended

Optional accessories at extra cost:

- 3 KVR servo controlled stabilizer
- Pc Software for MOR Testing Machine

Technical Specification

- Design : Electro-Mechanical
- Operation : Quiet and Vibration free
- Controlling System : AC Variable Frequency Drive with AC Induction Motor
- Load cell Capacity : 1000 kgf (10 KN)
- Least count for load : 10 grams
- Load resolution : 0.01 kg
- Motor Speed Control : Through AC Drive
- Test units : KG, KN Selectable
- Accuracy : 0.2% of full scale
- Can accommodate : Maximum tile size of 1200 x 1200 mm (120 x 120 cm)
- Display : LCD Display
- Construction : Mild steel body
- Paint : Powder coating
- Power Supply : 230 volts, 50 hz, single phase, AC Supply

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