



ANDEREN LIMITED

Registered in England number 4514202



Wherever in the world quality matters

Strength Testers - Modulus of Rupture (MOR/5-TS)

The MOR instruments can be used to test a variety of materials where resistance to bending or breaking strength is required. The instruments meet the requirements of ISO10545-4

Smaller sizes of tiles can be tested but may need the use of an adapter.

MOR/5-TS series - 800kg

General features: -

Scale: 0,5+800 Kg –

Reading: 0,01 Kg (10 g) full range

Accuracy ± 0.005 Kg of value displayed. –



Breaking blade operated by an electro-mechanical system

System for detecting applied load, by means of highly reliable strain gauge cells

Automatic testing cycle and Automatic tare

Digital reading with wide touch screen display, in 5 languages

Selectable measuring unit in Kg or Newton with automatic determination of the modulus of rupture in

Kg/cm² , or Newton/mm² and the breaking effort in Kg. or Newtons.

Allows the possibility to re-enter the value of maximum thickness of the test after the trial for modulus of rupture re-calculation. –

30 reference sizes that can be memorized – with storage of the last 29 measurements taken

Descent velocity of the breaking blade is adjustable through the control panel, which is set up automatically with the standardized increases of the applied load in accordance with ISO 10545-4, and with graphical display

Fast approach and fast end-of-test return.

Methacrylate frontal and rear protection with safety micro switch

Output: serial RS 232 C for connection to PC or printer

Auxiliary output 230V max 4A - Electric supply: 230V single-phase 50/60Hz.

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800kg Models Available

MOR/5-TS/65 model

Max tile size 65 x 65 cm: Overall dimensions: 108x85x78 cm; Net weight: 113 Kg

MOR/5-TS/95 model

Max tile size 95 x 95 cm: Overall dimensions: 142x116x78 cm: Net weight: 183 Kg

MOR/5-TS/125 model

Max tile size 105 x 125 cm: Overall dimensions: 172x126x78 cm; Net weight: 240 Kg

MOR/5-TS/125/S model

Max tile size 125 x 125 cm: Overall dimensions: 172x147x78 cm; Net weight: 270 Kg

MOR/5-TS/185 model

Max tile size 125 x 185 cm: Overall dimensions: 232x147x78 cm; Net weight: 360 Kg

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MOR/5-TS series -1800 Kg

These instruments offer a greater load range for tiles with greater thickness and breaking load.

It can be also be used for both green or dried materials without using any additional accessories

General features:

Similar to above with exception of

Scale: 0,5+1800 Kg Reading: 0,02 Kg (20 g)
full range Accuracy ± 0.010 Kg of reading value.

Minimum tile size 10x10 cm. - Maximum tile thickness 40 mm.

1800kg Models available



MOR/5-TS/65-1800 model

Max tile size 65 x 65 cm Overall dimensions: 108x85x78 cm; Net weight: 154 Kg

MOR/5-TS/95 model

Max tile size 95 x 95 cm Overall dimensions: 142x116x78 cm; Net weight: 223 Kg

MOR/5-TS/125 model

Max tile size 105 x 125 cm; Overall dimensions: 172x126x78 cm ;Net weight: 350 Kg

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