

Tile Flexure Testing Machine



Product Categories: [Pharmaceutical Equipments](#)

Product Page: <https://www.labappara.com/product/tile-flexure-testing-machine/>

Product Description

Tile Flexure Testing Machine - Laboratory Equipment

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Unit for finding flexural strength of clay roofing tiles and cement concrete flooring tiles. Flexural load is applied on the tiles using lead shots. The machine consists of a stand on which two 40 mm dia bearing rollers or 12 mm dia rollers are placed at centre distance of 150 mm, 200 mm, 250 mm, or 270 mm as the case may be. The third upper roller applies centrally flexural load by means of lever arrangement. Lead shot contained in an upper vessel starts flowing into lower container at a rate of 45 to 55 kg. Per minute or 200 kg. Per minute thereby, starting loading the specimen. Arrangement is made such that loading automatically stops when specimen breaks. Supplied without lead shots.

The Flexure Strength Testing are designed to test flexural strength of concrete beams.

The load is applied by the downward movement of the piston.

A spacer is for testing different size of beams.

Specifications:

Diameter: 40 mm, 20 mm

Material: Steel

Load accuracy: + 2%

Load rate: 45 to 55 kg/min or 200 kg/min