



Science Lab

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Product Name :

Flexure Testing Machine Manual

Product Code :

SLE/CE/06



Description :

Specifications :

- Capacity 500 Kn.
- It is a motorized, mechanical unit.
- It is used for testing 40mm x 40mm x 160mm mortar specimens for flexural strength by single point loading.
- The speed is adjusted so that the load increase on the specimen is between 4 to 6 kg/sec.
- A flexure test attachment for keeping the specimen in position is also supplied.
- This consists of two rollers 10mm. diameter and spaced 100mm apart, and a third roller of the same diameter equidistant from the first two and for transmitting the applied load to the opposite face of the prism.
- The unit is for operation on 230 Volts, single phase, 50 cycles A.C.supply.
- Loads are measured on a proving ring fitted with a sensitive dial gauge.

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