

### Splitting Tensile Test Device for Concrete Cubes

Splitting Tensile Test Device for Concrete Cubes is accessory for compression machines for measuring the splitting tensile strengths of 150 mm cube concrete specimens according to the requirements of the related standards.



### Splitting Tensile Test Device for Cylinders

Splitting Tensile Test Device for Cylinders is accessory for compression machines for measuring the splitting tensile strengths of Ø150x300 mm and Ø160x320 mm cylindrical specimens according to the requirements of the related standards.

### Technical Specifications

Product Code	Product Name	Standards	Dimensions (cm)	Weight (kg)
LT-C0650	Flexural Testing Assembly for Concrete Beams	ASTM C 293, ASTM C 78, EN 12390-5 BS 1881:118	20x20x20	16
LT-C0651	Flexural Testing Assembly for Concrete Kerbs	EN 1340	62x25x10	17
LT-C0652	Flexural Testing Assembly for Concrete Paving Flags and Concrete Terrazzo Tiles, Natural Stone Kerbs and Slabs	EN 1339, EN 1343, EN 12372	62x26x15	25
LT-C0653	Splitting Tensile Test Device for Concrete Cube Specimens; 150x150 mm	EN 12390-6	18x15x32	15
LT-C0654	Splitting Tensile Test Device for Concrete Block Pavers Specimens; 60-150 mm height, 220 mm length	EN 12390-6, EN 1338, ASTM C 496	24x16x32	17,5
LT-C0655	Splitting Tensile Test Device for Cylindrical Specimens; Ø100x200 mm, 150x300 mm, 160x320 mm	EN 12390-6, ASTM C 496	34x15x33	25

### HYDRAULIC POWER PACK AND DIGITAL DATA ACQUISITION & CONTROL SYSTEM

#### Hydraulic Power Pack

Automatic Hydraulic Power Pack, controlled by digital readout unit is designed to supply the required oil to the load frames for loading.

Controller unit has a simple and compact configuration. The Hydraulic Power Pack is equipped with 4 wheels for easy carriage and flexible installation.

Very silent power pack can load the specimen between 1 kN/sec. to 20 kN/sec, with an accuracy of  $\pm 5\%$ . Safety valve (maximum pressure valve) is used to avoid machine overloading.

Maximum working pressure of the system is 410 bar.

#### Single Stage Pump

The single stage pump is formed by;

High pressure radial piston pump

On the single stage pump, high pressure radial piston pump is used for test execution.