

**Product Name :**  
Marshall Stability Test Apparatus

**Product Code :**  
LIM-CAT-L0044-00033



**Description :**

Marshall Stability Test Apparatus

**Technical Specification :**

Marshall Stability Test Apparatus

The Marshall Stability Machine is used to determine the load and flow values of bituminous mixtures.

The Marshall is composed of a robust and compact two-column frame with an adjustable upper cross beam driven by an electro-mechanical ram with a capacity of 50 kN and a data acquisition and processing system.

The Marshall Stability Machine can be hand operated by a lateral hand wheel for calibration purposes. The mechanical jack raises the lower cross beam at a constant speed of 50.8 mm/min.

The limit switches are provided for both, bottom and top limit of travel.

The Automatic measuring system consists of a 50kN capacity strain gauge load cell that is fitted to the upper cross beam to read stability values and 25 mm x 0.001 mm displacement transducer fitted to Break Head.

The Manual measuring system consists of a 50 kN capacity load ring and dial gauge graduated 0.01 mm with 25 mm travel.

The Marshall Stability Machine comes complete with a lateral hand wheel for calibration purposes and a 100 mm breaking head.

The Manual measuring system consists of a 50 kN capacity load ring and dial gauge graduated 0.01 mm with 25 mm travel.

Capacity: 50 kN

Dimensions: 550 x 700 x 1200 mm

Weight: 103 kg

Power: 1100 W

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Plate speed 50.8mm/min



## Laboratory instruments manufacturers India