

ABRASION BOHME TESTER

PRODUCT MODEL	
48-BA455130	Abrasion Testing Machine According to Bohme, 220-240 V 50/60 Hz
48-BA455135	Abrasion Testing Machine According to Bohme, 110 V 60 Hz
48-BA455138	Abrasive white corundum sand 80 grade. Pack of 25 kg

PRODUCT STANDARDS	
Standards	EN 1338, 1339, 1340, DIN 52108, TS 699



48-BA455130

PRODUCT DESCRIPTION

Bohme abrasion tester is used for determining the abrasion resistance of paving stones, concrete slabs, natural rocks, natural stone slabs.

The Bohme machine adjustable charger used produce a force of $294\text{N} \pm 3\text{N}$ on a specimen. The machine is equipped with a display control panel that allows the setting of speed and number of cycles. Once the machine is started, it will automatically stop at the end of the set number of cycles programmed on the controls panel.

Abrasive sand must be ordered separately.

The Bohme abrasion tester is essentially composed of:

- A grinding wheel approximately 750 mm in diameter, a removable test mass of 30 kg.
- Clamping device for the sample.
- Digital control panel

OPERATION

- 1- 20g of standard abrasive sand is placed on the test mark.
- 2- The sample is fixed to the clamping device on the abrasive disc, with standard abrasive sand sprinkled on the trace.
- 3- The position of the cleaning brushes is adjusted.
- 4- The RPM value is entered from the digital panel and the start button is pressed.
- 5- The disc is rotated at 30 ± 1 rpm, applying an abrasion force of (294 ± 3) N to the sample.
- 6- The decrease in sample volume is calculated.

TECHNICAL SPECIFICATIONS

Dimensions	1400x900x1300 mm
Weight (approx)	320 kg
Power	750 W