



BOHME ABRASION TESTER

AGGREGATE

Böhme Abrasion Tester



PRODUCT MODEL

AG1160	Böhme Abrasion Tester, 220-240 V 50/60 Hz
AG1160/110	Böhme Abrasion Tester, 110 V 60 Hz
AG1162	Abrasive white corundum sand 80 grade. Pack of 25 kg

PRODUCT STANDARDS

Standards	EN 1338:2004 EN 1339 EN 1340 EN 13892-3 EN 14157 DIN 52108
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INFORMATION

Manufacturer	TESTMAK INS.LAB.MAK.SAN.VE TİC. PAZ. İTH. İHR. LTD. STİ
Country of Origin	TURKEY
Product name	Böhme Abrasion Tester

Böhme Abrasion Tester

DESCRIPTION

Böhme Abrasion Tester is used for determining the abrasion resistance of paving stones, concrete slabs, natural rocks, natural stone slabs.

The Böhme machine adjustable charger used produce a force of $294N \pm 3N$ 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 AG1160 Böhme 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.



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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	320 kg
Power	220-240 V 50/60 Hz 750 W



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