

## Bohme Abrasion Tester

**KASONTTEST**®



### **Introduction**

The Böhme abrasion tester is a professional testing equipment used for abrasion resistance testing of natural stone and other building decoration materials, such as artificial stone, microcrystalline glass, building bricks, etc. This Böhme abrasion tester is designed and manufactured according to the requirements of method B-Böhme abrasion resistance test in EN 14157:2017 "Natural stone test methods: abrasion resistance test". This machine has the characteristics of stable speed, precise load, beautiful appearance, and simple operation.

### **Standards**

EN 1338:2003 Concrete paving blocks-Requirements and test methods  
EN 1338:2003 "Requirements and Test Methods for Concrete Paving Bricks"  
EN 1339:2003 Concrete paving flags-Requirements and test methods  
EN 1339:2003 "Requirements and test methods for concrete paving slabs"  
EN 1340:2003 Concrete kerb units-Requirements and test methods

EN 1340:2003 "Requirements and test methods for concrete curbs"

EN 13748-2:2004 Terrazzo tiles-Part2:Terrazzo tiles for external use

EN 13748-2:2004 "Water milled stone bricks - Part 2: External water milled stone bricks"

EN 13892-3:2014 Methods of test for screed materials-Part 3:Determination of wear resistance-B ö hme "

EN 13892-3:2014 "Test Methods for Ironing Plate Materials - Part 3: Wear Resistance Test - B ö hme"

EN 14157:2017 Natural stone test methods - Determination of the abrasion resistance

EN 14157:2017 "Test methods for natural stone - Abrasion resistance test"

DIN 52108-2002 "Wear testing of inorganic, non-metallic materials using the Böhme abrasion wheel"

DIN 52108-2002 "Wear resistance testing of inorganic non-metallic materials - Böhme grinding wheel method"

#### Technical Specification

Grinding disc diameter	Ø 750mm.
Grinding disc speed	(30 ± 1) r/min.
Grinding disc hardness	190HB~220HB.
Center distance of the sample	220mm.
Withstand a load	294N ± 3N.
Settable Rotation speed range	0 to 9999.
Sample size	(71 ± 1.5) mm × (71 ± 1.5) mm.
Counter	LED intelligent counter.
Power	550W
Power supply	AC 380V 50Hz.
Dimensions	1080mm (L) × 750mm (W) × 800mm (H).
Net Weight	Approximately 150kg.

# FOCUS IN MATERIAL TEST

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JINAN KASON TESTING  
EQUIPMENT Co, LTD.

DuandianIndustrial Park , Jingshi Road, Jinan City,China.

P: +86 159 1008 1986

E: admin@jnkason.com | W: www.syjlab.com

Tel: +8615910081986



www.syjlab.com