# **HIRA TESTING EQUIPMENT**



## ABRASION BOHME TESTER

STANDARDS: EN 1338, 1339, 1340, EN 13892-3, EN 14157

The instrument measures a volume loss in a specimen under abrasion test and it's used in tests such as: - paving stones - concrete slabs - slabs made of natural rocks - natural stone slabs

The apparatus is basically composed of cast iron horizontal disc with a speed of  $30 \pm 1$  rpm and a diameter of 750mm furnished of a 200mm test track to position a specimen.

Control panel with digital revolutions counter with automatic stop after 22 rotations.

Abrasive Sand is must be ordered separately.

### **Technical Specifications:**

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-A2510	Abrasion Bohme Tester	150x100x85	275	220 V, 50-60 Hz, 1 ph

# Spare Parts & Accessories:

Product Code	Product Name	Weight (kg)
HR-A2510/1	Abrasive Sand	50

## ABRASION TESTER FOR NATURAL STONES AND CONCRETE

STANDARDS: EN 1338, 1341, 1342, 1343, EN 14157

Abrasion Tester used to determine the resistance to abrasion and wear of natural stones and concrete products by measuring the length of a groove produced on the specimen surface by disc with thickness of 70 mm that rotates at controlled speed and makes a constant pressure on the specimen. A charge of abrasive material must be interposed between the disc and the specimen.

The abrasion wheel rotates at a speed of 75 rpm. The machine is equipped with digital counter which stops machine at the preset number of revolutions.

The abrasive corundum sand and calibration (Boulonnaise) marble are optional.

## Spare Parts & Accessories:

Product Code	Product Name	Weight (kg)
HR-A2520/1	Abrasive corundum sand	50
HR-A2520/2	Abrasive corundum sand	1
HR-A2520/3	Calibration (Boulonnaise) Marble	

## **Technical Specifications:**

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-A2520	Abrasion Tester for Natural Stones and Concrete	65x70x200	190	380 V, 50-60 Hz, 3 ph



HR-A2510

