

NORDIC ABRASION MACHINE

PRODUCT MODEL	
48-NA455800	Nordic Abrasion Machine, 220-240 V 50 Hz
48-NA455802	15 mm Diameter Steel Balls, 7 kg
48-NA455804	11,1 mm Diameter Steel Balls, 3.5 kg

PRODUCT STANDARDS	
Standards	EN 1097-9 UNI 8520-13-16



48-NA455800

PRODUCT DESCRIPTION

Nordic Abrasion Machine has been developed for testing the resistance of aggregates to wear by abrasion from studded tyres. The test is performed on natural or artificial stones and aggregates between 11.2 mm and 16.0 mm.

The test consists of a rotating aggregate in a drum containing steel abrasive balls and water. The machine consists of an electronic control unit and a rolled stainless steel drum having an internal diameter of 206.5 mm, internal length of 335 mm and thickness of 6 mm. The drum is rotated at a speed of 90 ± 3 r.p.m. 3 wings are installed inside of the drum to allow the balls and aggregates to be mixed properly.

The abrasion loss rate of aggregates is calculated after the specified number of revolutions stated in the relevant standard.

- The Nordic Abrasion Machine is supplied complete with \varnothing 15 mm, 7 kg Steel Balls.
- 11,1 mm diameter steel balls (3.5 kg.) should be ordered separately.

TECHNICAL SPECIFICATIONS

Dimensions	950x500x1000 mm
Weight (approx)	80 kg
Power	220-240V 50/60 Hz