



Ankarin Material Testing Equipment



NORDIC ABRASION TESTER

Nordic Abrasion Machine has been developed for testing the resistance of aggregates to wear by abrasion from studded tires.

The test is performed on natural or artificial stones and aggregates between 11.2 mm and 16.0 mm.

It 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.

11,1 mm diameter steel balls (3.5 kg.) should be ordered separately.

