

NORDIC BALLMILL acc to EN 1097-9 with two drums, combined with Micro-Deval test acc EN 1097-1

The machine can run two Nordic ball drums simultaneously, or can be used for Micro Deval test with up to 4 standard drums. Through a selector you choose either the Micro Deval test with a speed of 100 rpm, or the Nordic ball test with a speed of 90 rpm.

The Nordic Ball mill has been developed for testing the resistance to abrasion/wear from studded tyres. The test is performed on natural stones and aggregates between 11.2 and 16 mm.

The test consists of rotating aggregates in a drum with steel abrasive balls and water. The machine consists of an electronic control unit one (or two) stainless steel drum having an inside diameter of 206.5 mm, internal length 335 mm and a thickness of 6 mm. The 3 bars installed inside of the drum allow balls and aggregate to achieve a uniform mix.

The abrasion loss rate of aggregate is calculated after a specific number of revolutions stated in the related standard.



The test cylinders are rotated by a horizontal axis, which will make the test stable and the result reliable.

*Fig1
Nordic ball test with two drums*



*Fig 2
The Micro Deval test can run up to 4 drums; 2 on each side*

Accessories:

- LK-10.65, Ball gauge for 11.1 mm steel balls
- LK14.5, ball gauge for 15 mm steel balls
- TR11.1, Steel balls 11.1 mm, Hrc 60-67
- TR15, Steel balls 11.1 mm, Hrc 60-67



NYCANDER AB

We have been on the market since 1963 and supply the Scandinavian market with testing equipment for aggregate, asphalt, cement, concrete and soil.

We are a warehouse of testing equipment from the markets leading manufacturer.

NYCANDER AB
P.o Box 7011
S-187 11 TÄBY
SWEDEN

Phone.+46 8 544 430 20
Fax +46 8 544 430 29
E-mail: info@nycander.com
www.nycander.com

NYCANDER
THE SCANDINAVIAN SUPPLIER OF TESTING EQUIPMENT