

## DATA SHEET

# Nordic Micro-Deval Testing Machine



Nordic Micro-Deval testing machine model 48-D5242/NT complete with steel base 48-D5242/A1

## General description

The Micro-Deval testing machine, Nordic version, is used to determine aggregates' resistance to wear by abrasion from studded tires (Nordic Test to EN 1097-9).

It consists of a motor driven actuator (including inverter) which transmits the rotation directly to the jars. Each jar is built with an attachment that transfers the rotation to the proximal jar. The direct application of rotation forces ensures strict compliance to the rotating speed prescribed by the Standards.

The integrated automatic counter can either be pre-set to a total number of revolutions or maximum working time. Totally safe, all moving parts are enclosed in a CE-conforming soundproof safety cabinet that automatically stops when the lid is open. Compact and ergonomic, the Micro-Deval will maximize your laboratory's space as it can either be positioned on a laboratory bench or on its own optional dedicated base.

Supplied without cylinders and steel spheres, these can be purchased separately and adapted to Nordic Test to EN 1097-9 Standard. The machine can be used with up to two stainless steel cylinders model 48-D5242/EN3, featuring an internal diameter of 206.5 mm and internal height of 355 mm plus three ribs 333 mm long. Please refer to the accessories section for more information.

## Main features

- Compact and ergonomic bench top positioning design saving laboratory space
- High resolution graphical display 128 x 80 pixel and 6 keys membrane keyboard
- Direct precise transmission of the rotation to the drums ensuring strict conformity to Standards
- CE-conforming soundproof safety protection included

## Standards

- EN 1097-9

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### Specifications

Overall dimensions (L x D x H): 1325 x 635 x 395 mm

Weight (approx.): 92 kg



### Products

#### 48-D5242/NT

Micro-Deval testing machine for determination of resistance to wear of aggregates by abrasion from studded tires. Nordic Test method to EN 1097-9. 230V/50-60Hz/1ph.

#### 48-D5242/NTZ

Micro-Deval testing machine for determination of resistance to wear of aggregates by abrasion from studded tires. Nordic Test method to EN 1097-9. 110V/60Hz/1ph.

### Accessories and consumables

#### 48-D5242/A1

Steel base for Micro-Deval series 48-D5242/Ax and 48-D5242/NTx

#### 48-D0524/10

Stainless steel spheres 15 mm dia. Pack of 7 kg. Conforming to EN 1097-9

#### 48-D5242/EN3

Stainless steel cylinder to EN 1097-9 for Micro- Deval series 48-D5242/NTx. Internal dia. 206.5 mm x 355 mm internal height