

# A077 : Micro-Deval testing machine

**STANDARDS:** EN1097-1 | EN 13450 | NF P18-572 NF P18-576 |  
UNE 83115 | CNR N° 109

Used to determine the resistance of aggregates to abrasion. The machine essentially comprises a heavy steel frame on which the following stainless steel cylinders can be mounted:

- 4 cylinders Ø 200x154 mm, or
- 2 cylinders Ø 200x400 mm, or
- 2 cylinders Ø 200x154 mm and 1 Ø 200x400 mm

The Micro-Deval is supplied complete with separate control panel fitted with a digital automatic revolutions counter. The control panel can be wall fixed or placed on a bench. Supplied without stainless steel cylinders and without stainless steel spheres which have to be ordered separately (see needed accessories).

It cannot be sold on CE markets without security cabinet (see mod. A077-01)

**Power supply:** 230V 50Hz 1ph 1100W

**Dimensions:** 1000x450x920 mm

**Weight:** 150 kg approx



**A077 + A078-15**



## **A077-01 : Micro-deval testing machine**

Same as mod. A077, but equipped with a security cabinet, manufactured from sheet steel, lined with sound-proofing material for noise reduction, conforming to CE Safety Directive.

When opening the cabinet's door during Micro-Deval working, a microswitch automatically stops the rotation of the cylinders.

**Dimensions:** 1150x600x1150 mm

**Weight:** 190 kg approx.



**A077-01 + A078-15**

### **Needed accessories :**

**A078-15** CYLINDER, standard, stainless steel, Ø 200 mm x 154 mm length (4 needed)

**A078-11N** SPHERES, stainless steel, Ø 10 mm tolerance 0.05 mm. Pack of 20 kg

### **Upgrading accessories :**

**A078-12** CYLINDER, stainless steel, Ø 200 mm x 400 mm length.

Conforming to EN 13450, NF P18-572

**A078-13** SPHERES, stainless steel, Ø 30 mm. Pack of 12 pieces. NF P18-576

**A078-14** SPHERES, stainless steel, Ø 18 mm. Pack of 52 pieces. NF P18-576

**A078-16** CYLINDER, "HIGH PERFORMANCE", stainless steel, Ø 200 mm x 152 mm length. EN 1097-1

**A048-14** BAR GRID SIEVE, sloth width 9.5 mm. Used to check the wear of the spher



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