

Micro-Deval Testing Machine

The Micro-Deval Machine is used to measure abrasion resistance and durability mineral aggregates. The aggregate amount will be placed in 5L stainless steel jars containing water, materials and steel balls. The Jar rotation will start by using a digital preset counter or preset timer. By finishing the rotations and measuring the loss of aggregate, abrasion resistance of materials will be determined.

Standard:

ASTM D6928, D7428

ONTARIO LS-618

AASHTO T327

TxDOT 845-49-40

Model: 1417011
1417012

This set consists of:

1. 100 +/-5 RPM rotating speed.
2. Two-tier unit with a sturdy steel frame.
3. Two stainless steel 5 liter jar, 194mm ID,170mm depth with sealed quick locking cover.
4. Chain driven transmission powered by 3/4 hp AC motor.
5. Two set of 5,500 gr of 9.5 (or10) mm Dia. steel balls (stainless steel balls are optional).
6. With digital preset counter and preset timer in one unit.
7. Safety Plexiglas doors.
8. Baked powder painting.
9. Equipped with safety emergency button.
10. A magnetic sensor measures the revolution of jars accurately.
11. Dimension: W*D*H (620*255*1280 mm).
12. Weight:75 Kg
13. Power supply: Model: 1417011, 110V, 60Hz., single phase, 750 W.
14. Power supply: Model: 1417012, 220V, 50Hz., single phase, 750 W

