

# ABRASION TESTER for NATURAL STONES and CONCRETE TILES

Code : R197



- Used to determine the abrasion-resistance of the natural stones and tiles. The test is carried out by abrading the face of a specimen which will be exposed in use with an abrasive material under standard conditions.
- The abrasive required for this test is corundum (white fused alumina) with grit size of 80 in accordance with standard FEPA 42 F 1984. It shall not be used more than three times. (should be ordered separately)
- The Abrasion Tester is essentially composed of a wide abrasion disc, a storage hopper, a clamping trolley, and a counterweight.
- The wide abrasion disc diameter is  $200 \pm 1$  mm and having a width of  $70 \pm 1$  mm. It is driven to rotate 75 revolutions in  $(60 \pm 3)$  seconds.
- A mobile clamping trolley is mounted on bearings and forced to move forwards to the wheel by a counterweight having a mass of  $14 \pm 0,01$ kg.

### **TECHNICAL SPECIFICATIONS**

- Abrasion Disc Diameter :  $200 \pm 1$  mm
- Abrasion Disc Thickness :  $70 \pm 1$  mm
- Abrasion Disc Rotation : 75 rpm
- 220 - 240 V / 50 - 60 Hz

### **EQUIPPED WITH**

- Abrasion Disc
  - Diameter  $200 \pm 1$  mm
  - Thickness  $70 \pm 1$  mm
- Digital Revolution counter
- Supplied less with White Corundum.

### **ORDERING INFORMATION**

| Code         | Item  |
|--------------|---|
| R 197 X00E T | WIDE WHEEL ABRASION TESTER for NATURAL STONES         |
| R 197 X00E K | WIDE WHEEL ABRASION TESTER for NATURAL STONES [60 Hz] |
| R 197 P001 H | ABRASIVE POWDER (F80) - 1 kg                          |