CONCRETE > ABRASION RESISTANCE

UNDERWATER CONCRETE ABRASION TESTING MACHINE

Code : B191



- The Underwater Concrete Abrasion Tester is a specialized testing device designed to evaluate the abrasion resistance of concrete surfaces subjected to flowing water, such as in hydraulic structures, spillways, dams, canals, and offshore platforms.
- This test method helps assess the durability of concrete under erosive conditions, providing essential data for material selection and maintenance planning.

STANDARDS

ASTM C1138

TECHNICAL SPECIFICATIONS

- Drum Diameter: ~660 mm
- Rotation Speed: 30 ± 1 rpm
- Steel Balls: 70 pieces, each 12.7 mm diameter (approx. 60 kg total)
- Specimen Size: 75 mm thickness, 280 mm diameter
- Power Supply: 220-240 V, 50/60 Hz

ORDERING INFORMATION

Item Name	Item Code
UNDERWATER CONCRETE ABRASION TESTER	B191X00AU