

Abrasion

TG-206

# Dorry Abrasion Test Apparatus

Wear resistance

Motorised rotating-disc machine with sand hoppers and weighted holders for testing the abrasion resistance of stone.

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## Description

A disc on a vertical shaft turns at 28 to 30 rpm, driven by a motor through a reduction gearbox. Two weighted containers hold the specimens pressed against the turning disc.

Sand is fed onto the disc from two conical hoppers mounted on a bracket on the circular tray, and the flow can be started and stopped. The tray under the disc has an outlet so used sand can be cleared.

It runs on a 220 V, 50 Hz AC supply.

Supplied ready for use with operating manual and test certificate. Contact us for configuration options, accessories and calibration services.

## Technical specifications

| | |
|---|---|
| **Disc speed** | 28–30 rpm |
| **Drive** | Motor with reduction gearbox |
| **Sand feed** | 2 conical hoppers with start/stop |
| **Specimen holders** | 2, with weights |
| **Power** | 220 V, 50 Hz AC |