

Deval Abrasion Testing Machine

MODEL: HT-318

Reference Standard: IS 2386 (Part 4). The source catalogue's broader abrasion section also lists BS 812, ASTM C131, ASTM C535 and AASHTO T96.

The Hovoro Technologies Deval Abrasion Testing Machine, also known as a Deval Attrition Tester, is designed to determine the abrasion and attrition resistance of coarse aggregates.



The machine consists of two hollow cylinders, each closed at one end and fitted with a tight-fitting cover at the other. The cylinders are mounted on a shaft at an angle of 30° to the axis of rotation. A motor drives the assembly through a reduction gearbox, producing the rotational movement required for the test.

The equipment is suitable for laboratory evaluation of aggregate durability characteristics in accordance with the applicable test method.

Key Features

- Twin-cylinder testing arrangement.
- Cylinders mounted at an inclination of 30° to the shaft axis.
- Motor-driven operation through a reduction gearbox.
- Tight-fitting cylinder covers.
- Revolution counter supplied.
- Abrasive charge not included as standard, according to the source catalogue.

Technical Specifications

Parameter	Specification
Product type	Deval Abrasion Testing Machine
Reference standard	IS 2386 (Part 4)
Number of cylinders	2

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Cylinder construction	Hollow cylinders, closed at one end
Cylinder mounting angle	30° to the axis of rotation
Rotational speed	30–33 rpm
Drive system	Motor with reduction gearbox
Counter	Revolution counter
Electrical supply	415 V, 3-phase, 50 Hz AC
Abrasive charge	Not included as standard

Ordering Information**HT-318** Deval Abrasion Testing Machine. **9368421160 / 8822229228** **info@hovorotechnologies.com** **hovorotechnologies@gmail.com** **www.hovorotechnologies.com****hovoro technologies**C-13/SH-13, Sector 63 A, Noida,
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