

Penetrometer

Penetrometer is an instrument used to measure the viscosity of a stiff paints, distemper, waxes, greases in terms of DOP (division of penetrometer). It consists of a circular dial with DOP scale, plunger, cone & needle assembly, weights, and a sample container. Sample gets penetrated through the gravitational force and the depth of penetration after a fixed time is measured.

Standard: IP 50, ISO 2137, ASTM D 937, ASTM D 217, IS 1448 (P:60)

Raj Make

Ref No.	Description
140/3	Penetrometer is supplied with standard accessories, in which the dial and cone is operated manually. The Mitutoyo Japanese Dial is used for better accuracy having least count of 0.01 mm
140/4	Penetrometer is supplied with standard accessories, in which the dial and cone is operated manually. This instrument is operated just by pressing the start key in the Digital Timer Module. The Mitutoyo Japanese Dial is used for better accuracy having least count of 0.01 mm

Technical Specifications:

Dial Range	: 0 - 400 DOP (1 mm = 10 DOP)
Digital Timer	: 1-9 seconds
Sample Container	: 55 x 55 mm (height x diameter); 100 x 100 mm (optional)
Weight	: 50 & 100 gms
Cone	: 102 gms
Overall Dimensions	: 150 x 230 x 500 mm
Net Weight	: 4 kg

Accessories required for testing

- Thermometer (-10 to 110).
- Spatula for homogenous mixing.

Package Includes:

Penetrometer, cone & needle, sample container, weights, calibration certificate, manual and spares.

Ordering Informations:

Ref No. 140/3 Penetrometer (Mitutoyo Dial)

Ref No. 140/4 Penetrometer with Digital Timer (Mitutoyo Dial)

HSN Code: 90279090

