

Penetrometer

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

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

Raj Make

Ref No.	Description
140/1	Penetrometer is supplied with standard accessories and geared arrangement in which the dial and cone is operated manually. The least count of dial reading is 1 mm. (Indian Dial)
140/2	Penetrometer is supplied with standard accessories, geared arrangement and automatic digital timer. This instrument is automatically operated just by pressing the start key. The least count of dial reading is 1 mm. (Indian Dial with Digital Timer)
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 is 0.01 mm

Technical Specifications:

Dial Range : 0 - 400 DOP
 (1mm = 1DOP)
 Timer (only for digital penetrometer) : 1-9 seconds
 Cup : 55 mm x 55 mm (height x diameter),
 100 mm x 100 mm (optional)
 Weight : 50 & 100 gms
 Cone : 102 gms

Accessories required for testing:

- Stopwatch
- Thermometer 110°C
- Spatula

Package Includes:

Penetrometer, cup, cone, weights, dial, calibration certificate, manual and spares.

Ordering Informations:

Ref No. 140/1 Penetrometer (Indian Dial)
 Ref No. 140/2 Penetrometer with Timer (Indian Dial)
 Ref No. 140/3 Penetrometer (Mitutoyo Japanese Dial)

HSN Code: 90279090

