



Product Overview

The Standard Penetrometer for Bitumen (Basic Model) is a precision testing instrument used to determine the penetration value of bitumen, which indicates its consistency and hardness. This test is essential in the road construction, asphalt, and petroleum industries to ensure material quality and performance.

Designed for laboratory use, the equipment provides accurate and repeatable penetration measurements under controlled conditions. Its robust construction and simple operation make it ideal for routine testing in quality control and research laboratories.

2. Construction & Design

- Sturdy cast aluminum base for stability
- Strong iron stand supporting a movable aluminum arm
- Precision 6-inch dial gauge mounted on the arm
- Brass chromium-plated rod for smooth vertical movement
- Needle assembly with standard weights for penetration testing .

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
 India Sales: +91-9588842361



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3. Technical Specifications

Parameter	Specification
Dial Range	0 – 400
Least Count	0.1 mm (one-tenth millimeter)
Penetration Measurement	Analog Dial Type
Base Material	Cast Aluminum
Rod Material	Brass, Chromium Plated

4. Standard Accessories

- Adjustable needle holder
- Standard penetration needle
- Sample container
- Transfer dish
- 50 gm standard weight

5. Physical Details

Parameter	Specification
Dimensions (L × W × H)	9 × 11 × 21 inches
Weight	7 kg Approx.

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