



Product Description:

The One-Dimensional Consolidation Apparatus (Oedometer) is a precision laboratory instrument designed to determine the consolidation characteristics of soil under controlled loading conditions. It is widely used in geotechnical engineering for evaluating settlement behavior and compressibility of cohesive soils.

Standards Compliance

- Conforms to **ASTM D2435**
- Complies with **BS 1377**

Technical Specifications

- **Frame Construction:** Heavy-duty rigid steel frame for stability and durability
- **Lever Arm Ratio:** 10:1
- **Maximum Unpunzable Load:** Up to 22,000 kg
- **Oedometer Ring:**
 - Diameter: 60 mm
 - Height: 20 mm
- **Dial Gauge:**
 - Least Count: 0.002 mm
- **Dead Weights:** Total weight set of 22.000 kg
- **Accessories Included:**
 - Porous stones
 - Water bath
 - Complete loading weight set (1 set)

Applications

- Determination of soil consolidation properties
- Settlement analysis for foundations
- Evaluation of compressibility parameters

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



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