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VEE BEE CONSISTOMETER AZA1101

The AZA1101 Vee Bee Consistometer is a laboratory-grade instrument designed for the accurate determination of workability and consistency of stiff and low-slump concrete mixes. It is particularly suitable for dry, low-workability concrete, where conventional slump tests do not provide reliable results.

This unit performs both the Slump Test and Vee-Bee Time Test, offering a dual-method evaluation of concrete workability. It is widely used in construction material testing laboratories, infrastructure projects, and quality control departments.

Key Features

- Heavy-duty vibrating table mounted on shock absorbers
- Transparent acrylic cylinder for clear observation of remoulding
- Accurate Vee-Bee time measurement (seconds)
- Complete set including:
 1. Standard slump cone
 2. Cylindrical container
 3. Graduated rod with metal disc
- Electric motor-driven vibration system with consistent frequency
- Durable powder-coated, corrosion-resistant steel frame
- User-friendly design for both laboratory and site testing





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TECHNICAL SPECIFICATION

| Parameter | Specification |
|-----------------------|--|
| Type | Concrete Workability Testing Instrument |
| Test Methods | Vee-Bee Time & Slump Test |
| Construction | Mild Steel Frame with Acrylic Cylinder |
| Operation | Electric Motor Driven |
| Power Supply | 230V AC, 50 Hz, Single Phase |
| Standards Compliance | IS 1199, ASTM C1170 |
| Weight (Approx.) | 45 kg |
| Vibrating Table Size | 380 mm × 260 mm |
| Slump Cone Dimensions | 100 mm (Top), 200 mm (Bottom), 300 mm (Height) |
| Overall Height | Approx. 950 mm |
| Vibration Frequency | 3600 ± 200 vibrations/min |
| Timer | Digital / Manual (Standard) |
| Vibration System | Motor-driven, uniform amplitude |