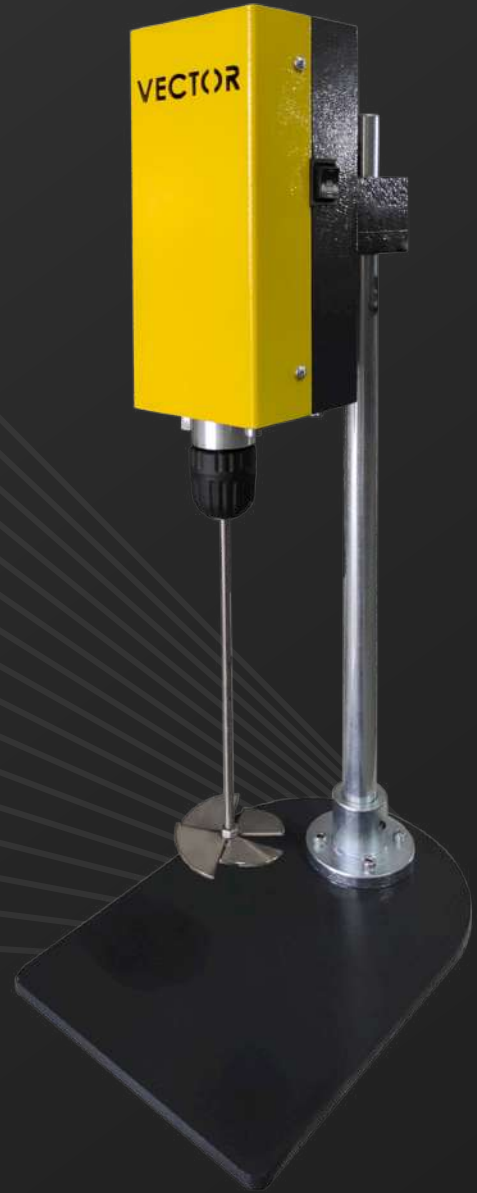


THE METHYLENE BLUE TEST SET

The Methylene Blue Test is a critical procedure in aggregate testing, used to assess fine aggregate particles for clay and other fine materials. Excessive fines can negatively impact concrete properties such as workability, strength, and durability. By determining the methylene blue value, this test helps evaluate the suitability of aggregates for use in concrete and other construction materials.



VTR-13-030

Methylene Blue Test Set

Ensuring Quality in Aggregate Assessment

Components of the Methylene Blue Test Set

The complete test set includes:

- High-Speed Mixer Motor : Operates at 400/600 rpm for thorough mixing.
- Mixing Impeller : Ø70 mm, 4 blades for effective sample agitation
- Glass Burette : 50 ml capacity with 0.1 ml graduations for precise titration
- Burette Stand and Clamp : Secures the burette during testing
- Filter Paper : Pack of 100 pieces , each Ø 125 mm in diameter, used to filter samples
- Glass Baguette : Ø 8 x 300 mm , for stirring and handling samples
- Plastic Beaker : 1000 ml capacity , durable for sample mixing.
- Methylene Blue (100 g) : Reagent used for determining clay content
- Kaolin (500 g) : Reference material used during calibration

This comprehensive set ensures that aggregates are suitable for concrete production, helping to mitigate the adverse effects of excessive clay on concrete workability and strength

Digital Methylene Blue Test Set

The Digital Methylene Blue Test Set is also available, featuring a digital timer that can be set for up to 999 minutes . This digital version provides added convenience and precision, allowing users to automate the timing process and ensure consistent results across multiple tests.

Reliable Testing Solution for Quality Assurance

The Methylene Blue Test Set is a reliable and user-friendly solution for determining clay content in fine aggregates. Available in both standard and digital versions, it meets the needs of laboratories involved in construction quality assurance. Its robust design, high-speed mixer motor, and comprehensive accessories ensure efficient and accurate testing, supporting the production of high quality concrete and other construction materials

Methylene Blue Test Set

Ensuring Quality in Aggregate Assessment



TECHNICAL SPECIFICATION

Specification	Details
Dimensions	500 x 870 x 270 mm
Weight	15 kg
Electrical Requirements	240V, 50-60 Hz
High-Speed Motor	Operates at 400/600 RPM
Included Accessories	Glass burette (50 ml), burette holder and stand, plastic beaker (1000 ml), glass rod, methylene blue