

MANUEL VICAT

The Manuel Vicat Apparatus is a precision instrument designed for determining the setting time and consistency of cement using the Vicat Method, in compliance with **EN 196-3**, **ASTM C187**, **C191**, and **AASHTO T129**, **T131** standards. It is an essential tool for construction laboratories, providing accurate and repeatable measurements to ensure the quality and performance of cementitious materials.



VTR-1020



Vector Manuel Vicat

Precision and Versatility

The Manuel Vicat Apparatus features a movable arm with a fixed holder mounted on an arm plate, allowing for the easy attachment of different ends, including the start needle, end needle, and test stick. The adjustable ruler ensures precise zeroing, while the 0-50 mm scale provides clear and accurate readings for consistent test results. The apparatus allows users to conduct tests with ease and efficiency, making it a reliable choice for cement testing.

Comprehensive Testing

The Vicat Apparatus comes as a complete set, including:

- A 70 × 60 × 40 mm glass plate for stable specimen placement
- A full Vicat needle set for determining consistency and setting time
- A glass thermometer (0-50°C) for accurate temperature monitoring
- A Vicat mold that complies with EN standards

This all-in-one package ensures that operators have all the necessary components to start testing immediately, eliminating the need for additional purchases.

Reliable and Easy to Use

The Vicat Apparatus is designed for user convenience and accuracy. Simply place the additional weights on top, adjust the zero position with the ruler, and begin testing. The sturdy metal frame with an integrated scale and Ø10 mm consistency plunger ensures durability and precision. Additionally, the supporting glass plate provides a stable foundation for accurate measurements.

Whether you are a construction professional, quality control technician, or researcher, the Manuel Vicat Apparatus provides accurate and repeatable measurements, ensuring your cement meets the required performance criteria. Order yours today to streamline your testing process and ensure consistent, high-quality results.