Application

Designed to determine the viscosity of fluids based on the *falling ball principle*, by measuring the time taken for a ball to descend through a test fluid under gravity. Suitable for educational and laboratory analysis of Newtonian fluids.

Product Features

- **Instrument Type:** Bench-top mounted, manual falling ball viscometer (Höppler type)
- **Measurement Principle:** Time-based viscosity measurement using falling ball motion
- **Glass Tube:** Approx. 900–1200 mm height; 60–90 mm internal diameter
- **Ball Diameter:** 6 mm to 10 mm (steel and marble types included)
- **Measurement Distance:** 600 mm between calibration marks
- **Frame Construction:** Rigid metallic frame with adjustable leveling screws
- **Viewing System:** Graduated measurement scale for accurate reading
- **Ball Release Mechanism:** Integrated arrangement for controlled release of the ball
- **Materials of Construction:** Borosilicate glass tube, steel/alloy balls, metallic support frame
- **Dimensions:** Determined by the size of the glass tube and supporting frame assembly

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Accessories / Spares

- Complete set of steel, glass, and alloy balls
- Two standard oils of known viscosity grades for calibration and testing

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

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