



Company: LEMIS USA, Inc.
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Category: Best New Analytical Instrument

PORTABLE / LABORATORY VISCOMETER

VDM-300

Kinematic Viscosity
Dynamic Viscosity
Density

The NEW **VDM-300** is a unique combination of Viscometer and Density meter. Resonance technology is based on the changes of frequency, amplitude and the phase of a sensitive element (resonant tube) in the measured liquid, allowing it to receive highly accurate dynamic viscosity and density measurements in seconds.

VDM-300 measures simultaneously dynamic viscosity and real density, to calculate kinematic viscosity of the sample. Viscosity is a critical characteristic of large range of products, such as fuel and lubricating oils.

Proven resonance technology performs a stable measurement and can be used for very viscous liquids. Robust design of the **VDM-300** provides measurements both in laboratory and field conditions with an ability to provide a portable printout to the operator. **VDM-300** has a built in Bluetooth, which allows it to send the data (kinematic viscosity, dynamic viscosity, density and temperature) to printer or PC. It considerably simplifies sampling and sample preparing procedure. The operator does not need any plastic syringes any other special laboratory glassware! Measuring chamber is especially designed for very viscous liquids. The cleaning procedure is shortened for more than 2 times when comparing to similar class devices.

More information can be found at www.lemis-instruments.com