



PORTABLE VISCOMETER

VM-250.2

IN PROCESS TO EXCELLENCE

Specifications

Measuring range:

Dynamic Viscosity	Up to 10000 mPa·s (cP)
Viscosity calibration	0,1-100 mPa·s (cP) 1-1000 mPa·s (cP) 10-10000 mPa·s (cP)
Temperature	-40... +85°C (-40... +185°F)
Level	up to 30 m (100 ft.)

Accuracy:

Dynamic Viscosity	±1% of span
Temperature	±0.1°C (±0.2°F) or ±0.2°C (±0.4°F)
Level	±2 mm(±0.008")

Repeatability:

Dynamic Viscosity	±0,5% of span
Temperature	±0.1°C (±0.2°F)
Level	±1 mm(±1/16")

Ambient temperature	-40... +85°C (-40... +185°F)
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Depth of submersion	Up to 30 meters (100 ft.)
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Sensor:

Type	Vibrating element (Resonance principle)
Material	Stainless steel SS 316 L; NiSpan C; Hastelloy C22

Intrinsically safe:

Controller	ATEX II (2G) EEx ib [ia] IIB T4
Sensor	ATEX II 1G EEx ia IIB T4

Power supply	NiMH 3.6V-1500 mAh
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Operating time without charging	Appr. 12 hours
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Dimensions:

Level block with viscosity meter	420 x 245 x 140 mm (16.5 x 9.6 x 5.5"), 4 kg (8.8 lb)
Sensor	220 x ø45 mm (8.7 x ø1.7"), 1 kg (2.2 lb)
Controller	180 x 80 x 40 mm (7.1 x 3.2 x 1.6"), 0.6 kg (1.3 lb)

Temperature compensation	Automatic
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Reporting formats	Dynamic viscosity in mPa·s or cP; temperature in °C or °F
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Data handling	Backlighted LCD display (2x16) Local memory up to 2000 Build in Bluetooth for data transfer to printer or PC Optional Windows - based software
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Advantages

- Direct viscosity measurement
- Record level viscosity and average per tank
- Automatic temperature compensation operation
- No sampling required
- ATEX Hazloc certification, IEC
- Record level of liquid
- At any depths up to 30 meters
- Local results storage and Bluetooth data
- Safe operation, low maintenance
- Rigid construction for heavy duty outdoor

Applications

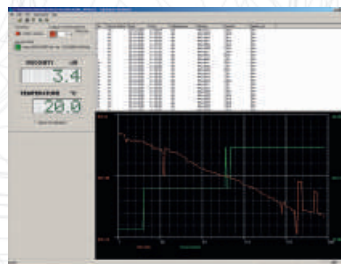
- Spot viscosity or viscosity/level profile in storage tanks
- Products consistency and adulteration check
- Viscosity control at outlets and delivery points
- In-tank blending and mixing control
- Food, milk and dairy products
- Petroleum products ,fuels, lubricants

Delivered in compact carrying case



CASE

Able to download the measurements to PC;
Multifunctional software allows to proceed the measurements results in user-convenient form;
Compatible for a Windows XP/Vista/7.



SOFTWARE

Immediate printout of the measurements;
No need for PC.



BLUETOOTH PRINTER

For more information please visit www.lemis-process.com



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