



250 SERIES



PORTABLE VISCOMETER

VM-250.1

IN PROCESS TO EXCELLENCE

Specifications

Measuring range:	
Dynamic Viscosity	Up to 2000 mPa·s (up to 2000 cP)
Temperature	-40... +85°C (-40... +185°F)
Accuracy:	
Dynamic Viscosity	±1% of span
Temperature	±0.1°C (±0.2°F) or ±0.2°C (±0.4°F)
Repeatability:	
Dynamic Viscosity	±0,5% of span
Temperature	±0.1°C (±0.2°F)
Resolution:	
Dynamic Viscosity	0.1 mPa·s (0.1 cP)
Temperature	0.01°C (0.02°F)
Ambient temperature	-40... +85°C (-40... +185°F)
Depth of submersion	Up to 6 meters (20 ft.)
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
Operating time without charging	Appr. 12 hours
Dimensions:	
Controller	180 x 80 x 40 mm (7.1 x 3.2 x 1.6"), 0.6 kg (1.3 lb)
Sensor	220 x ø45 mm (8.7 x ø1.7"), 1 kg (2.2 lb)
Temperature compensation	Automatic
Reporting formats	Dynamic viscosity in mPa·s or cP; temperature in °C or °F
Data handling	Backlighted LCD display (2x16) Local memory up to 2000 results Build in Bluetooth for data transfer to printer or PC Optional Windows - based software
Delivery	Delivered in compact carrying case

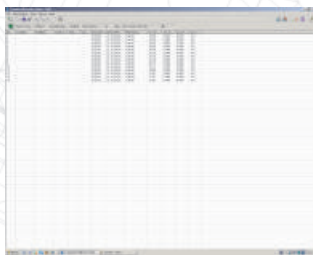
Advantages

- Direct viscosity measurement
- Automatic temperature compensation operation
- No sampling required
- ATEX Hazloc certification, IEC
- At any depths up to 6 meters
- Safe operation, low maintenance
- Rigid construction for heavy duty outdoor
- Economical and easy to operate
- Local results storage and Bluetooth data transfer

Applications

- Record spot Viscosity and average per tank
- 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

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

Remote data transfer;
Useful in field conditions;
Software for data processing.



POCKET PC

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



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