



High
Accuracy

Small bore
piping

No pressure or
flow effect on
measurements

PROCESS VISCOMETER

FOR LOW FLOW RATE

IN PROCESS TO EXCELLENCE

Specifications

Advantages

- Continuous measurements
- Easy cleaning
- High accuracy
- Simple installation
- Suitable for very viscous liquids
- Wide range of applications
- Compact design
- Automatic temperature compensation
- Rigorous factory testing

Applications

- Marine
- Military applications
- Pharmaceutical, cosmetic industries
- Petroleum industry
- Food & Beverages

Dynamic Viscosity Range	0.2 to 2000 mPa·s (0.2 to 2000 cP)
Dynamic Viscosity Accuracy	±1% (measured value)
Pressure Range	0 to 10 Bar
Temperature Range	-20°C to +100°C (-4°F to +212°F)
Temperature Accuracy	±0.1°C (±0.2°F)
Process Connection	Swage nipple PN 06HB02 VA 1/8"-6
Flow Range	10 to 100 L/h
Data Handling	Back lighted LCD 4 x 20
Ambient Temperature Range	-20°C to +50°C (-4°F to +122°F)
Weather Rating	IP65
Sensor Material	Stainless steel 316L; Ni-Span C; Hastelloy C22
Power Supply	24V AC
Analog Output	4 - 20 mA
Digital Output	RS 485; Modbus
Quality Assurance	ISO 9001:2000
Factory Calibration	Calibration certificates supplied as standard
CE Mark	Compliant EN 61326 ; EN5011 ; EN 50082-2
Housing Dimensions (L x W x H)	200 x 174 x 91 mm (7,9 x 6,9 x 3,6 in)
Weight	approx. 3 kg (approx. 6,6 lb)



Quality in process

In most cases viscometers presented in the market are bulky and require significant flow rates to be effective. VC-30 is a brand new Process Viscometer which able to manage very low flow rates. Based on resonant tube technology, where frequency changes of the sensitive element in measured liquid. VC-30 gives high accurate Dynamic Viscosity values continuously.

Design of the instrument performed in a way that VC-30 has no pressure or flow effect on the measurements. Therefore VC-30 is an obligatory element of process control systems and a best solution for process viscosity!

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



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