

IIS VISCOMETER

STAY IN TUNE WITH INKSPEC

Controls ink viscosity perfectly !



- IN-LINE
- ROBUST
- MAINTENANCE FREE
- NO MOVING PARTS



TECHNICAL SPECIFICATIONS*

Viscosity Measuring Range**	0 to 500 CPS Standard** and equivalent flow cup seconds
Temperature Measuring Range	10 to 55°C (50 to 131 °F)
Accuracy	± 1 % of reading
Repeatability	± 1 % of reading
Storage Temperature	-10°C to +60°C (14 to 140 °F)
Communication	CAN BUS / CANopen*** / RS485
Power	24 VDC +/- 10%, 0.2 A
Working Pressure	Max. 7 bar (~100 psi)
Flow Rate	Max. 25 l/min (6.6 US gal/min) **

* These values are valid with laminar flows and in Newtonian fluids. ** Higher range upon request. *** Only the basic functionality of CANopen protocol is used.

GENERAL SPECIFICATIONS

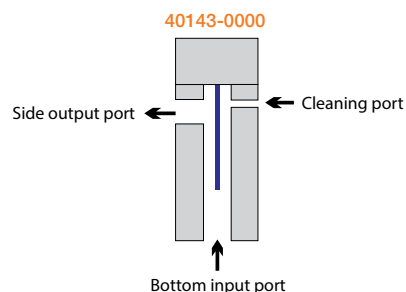
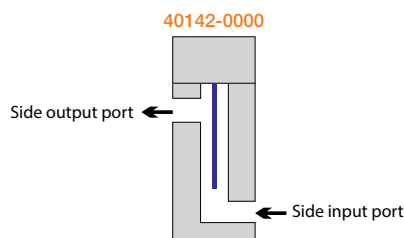
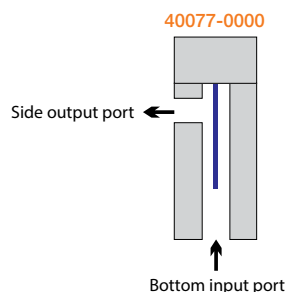
Wetted Material	Stainless steel 316 and teflon
Weight	10.5 kg (23 lbs).
Overall Dimensions	Height ≈ 350 mm (13.75 in), Ø ≈ 106.7 mm (4.2 in)
Threads	3/4 NPT fluid port, others available upon request
Solvent Resistance	Alcohol, acetates, ketones, glycol ether and many others
Unit Measurements	Centipoises, centistokes and cup seconds
Certifications	Declaration of CE conformity Explosion-proof sensor (CSA) : Class I, Div. 1, Groups C, D Explosion-proof sensor (ATEX) : II 1/2G Ex d IIB T6 Explosion-proof sensor (IECEx) : Ga/Gb Ex d IIB T6 FCC

OPTIONS

Part number	Description
33045-0003-00	Temperature monitoring

This documentation is not contractual information.
Specifications are subject to modification without notice.

IIS Viscometer's Various Mounting Options



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