

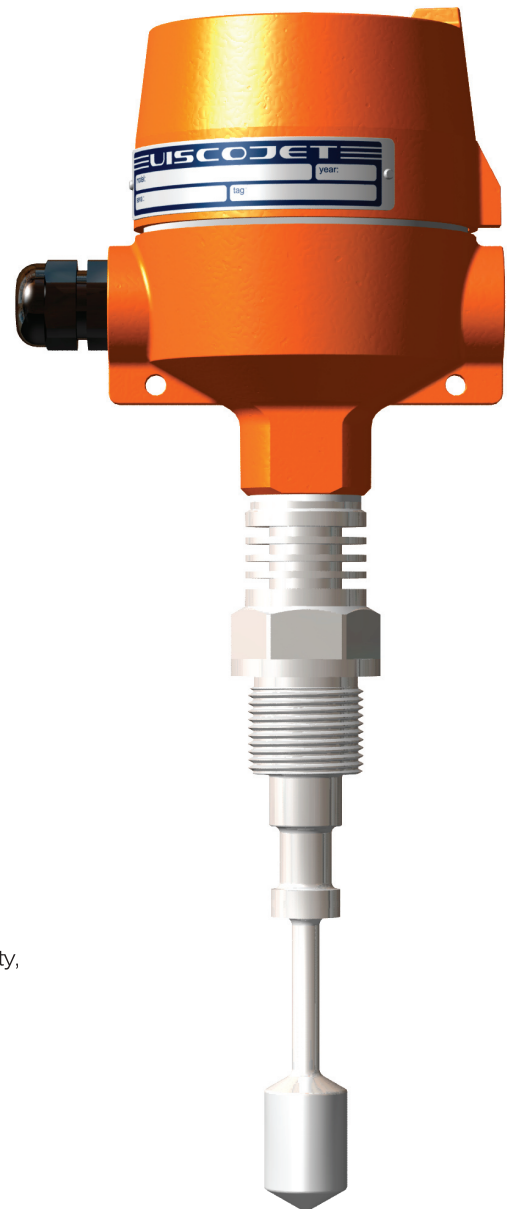
ViscoJet VJ1-100

standalone process viscometer

innovators in fluid measurement

Hydramotion

- ▶ any pipe, any fluid
- ▶ no guards or shields
- ▶ Integral temperature sensor
- ▶ no moving parts — no maintenance



SPECIFICATION

Viscosity range	0 - 1,000 cP
Measurement time	1 second
Accuracy	1% of reading or ± 0.1 cP
Repeatability	0.3% of reading or ± 0.05 cP
Analogue outputs	2 \times 4-20mA configurable, representing viscosity, referenced viscosity or temperature
Digital outputs	RS485 ModBus data link
Power supply	24V DC @ 80 mA
Integral thermometer	Integrated temperature measurement
Temperature range	-50 - +150 °C *
Pressure range	50 bar *
Pipe connection	3/4" or 1" BSPP/NPS, or 1 1/2" cone seat
Cable length	as required
Cable type	standard instrument cable
Construction	all-welded, crevice-free
Materials	head: SS316 (EN 1.4401) sensor: SS316 (EN 1.4401) * (optional: S32507 duplex steel [EN 1.4410], alloy C22, alloy C276)
Surface finish	N6 0.8 μ m Ra
Weight	3 kg
Ingress protection	IP67
Software	ViscoLink data viewing and logging package (Windows-based for PC)

* Custom variations to specification available to order

Hydramotion Ltd
1 York Road Park,
Malton, York,
England YO17 6YA

tel: +44 (0) 1653 600294
fax: +44 (0) 1653 693446
mail@hydramotion.com
www.hydramotion.com