

Hydramotion XL7 Long Reach Viscometer

Specifications

Performance	Range	From 0 – 1cP to 0 – 10 cP over 10 models
	Measurement Time	1 second
	Accuracy	1% of reading or +/- 1 digit
	Repeatability	0.3% of reading or +/- 1 digit
Temperature	Standard Range	-50 °C to 150 °C
	HT Range	-50 °C to 400 °C
	Extended Range	Temperature greater than 150 / 400 °C to order*
Pressure	Standard Range	To process fitting
	Extended Range	To order for extreme pressure *
Process Connection	Standard fitting	Any process fitting – all flanges, threads, clamps, hygienic
	Special fitting	Non-standard process connection to order *
Electrical Connection	Cable Length	As required – not affected by cable length up to 1000m
	Cable Type	Any standard instrument cable
	Power	VP Processor powered
Safety Certification	Hazardous Area	All instruments available for Ex Hazardous Area, explosive atmospheres Ga Ex ia IIC T1...T6
Construction	All welded, crevice-free	
Materials	Head	SS316 (EN 1.4401)
	Fitting	As Required
	Sensor	SS316 (EN 1.4401) and SS316L (EN 1.4404) as standard
	Sensor/Fitting Options	Alloy C22 (EN 2.4602) Alloy C276 (EN 2.4819) S32750 Duplex Steel (EN 1.4410)
	Special Materials:	Non-standard materials to order *
Surface Finish	Standard	N6 0.8 Ra
	Finish Options	Fluoropolymer Electropolished Electroplated
	Special Finish	Non-standard finish options and coatings to order *
Ingress Protection	Standard	IP67
Software	ViscoLink data viewing and logging PC software	

* **Special Ops** - Custom variations to instrument specification and dimensions routinely provided by our dedicated Special Operations division