

XL7-100

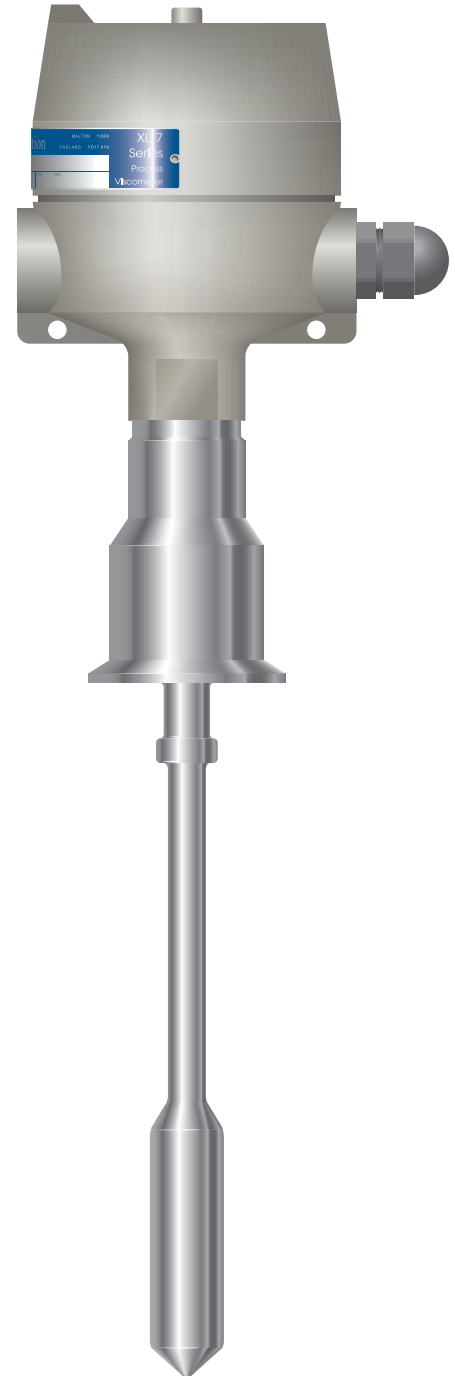
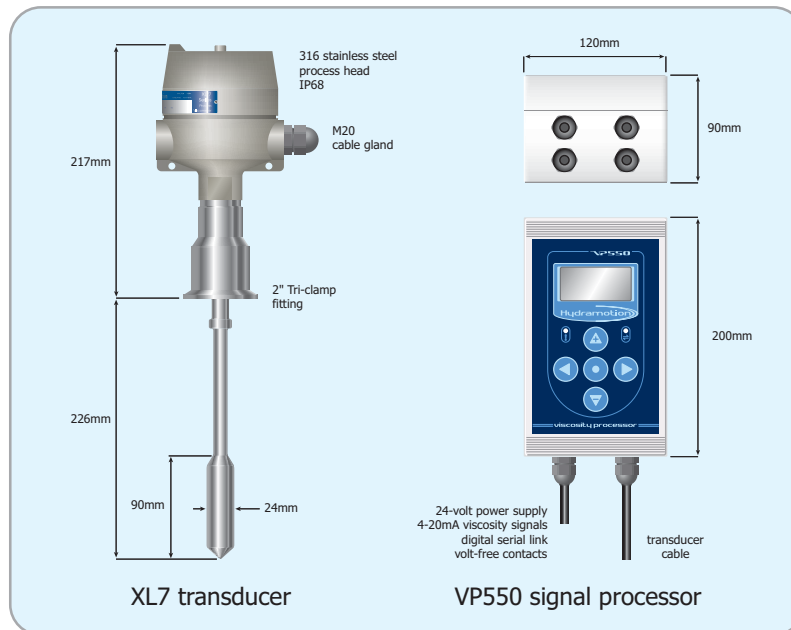
hygienic process viscometer

innovators in fluid measurement

Hydramotion

Features

- ▶ hygienic design — no moving parts, seals or bearings
- ▶ high sensitivity over wide range
- ▶ simple tank or pipeline installation
- ▶ high accuracy and repeatability



Specification

Transducer

Viscosity Accuracy:	± 1 % of reading
Viscosity Repeatability:	± 0.3 % of reading
Complete Viscosity Range:	0 to 10 ⁹ cP
*Temperature Range (sensor):	-40°C to 150°C
*Pressure Range:	up to 50 bar
Process Connection:	to suit application
Overall length:	443mm
Weight:	4 kg + fitting
Materials:	all 316 SS (optional: Hastelloy C)
Environmental Rating:	IP68
Safety Certification:	Safe Area

*Note: Extended temperature- and pressure-range instruments also available

Signal Processor

Processor Unit:	VP550
Environmental Rating:	IP65
Power Supply:	24V DC @ 250mA (including transducer)
Analogue Outputs:	3 × 4-20mA fully configurable, representing viscosity, corrected viscosity or temperature
Digital Output:	RS485 Modbus serial link
Temperature:	Viscosity correction to reference temperature
Alarms:	2-off volt-free contact outputs

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