

XL7 High-Temperature Medium-Pressure Precision Viscometer for PVT Experiments

Specifications

- ◆ Viscosity Range 0 - 100,000 cP
- ◆ Temperature to over 400°C
- ◆ Pressure to 10,000 psi
- ◆ Fluid Volume 15 cc

Features

- ◆ Flow-thru Capability
- ◆ Continuous Measurement
- ◆ No Maintenance
- ◆ Not Affected by Particles



XL7 Precision PVT Viscometer

Specification

Transducer

Type:	XL7
Viscosity accuracy:	±1% of reading
Viscosity repeatability:	±0.3% of reading
Complete viscosity range:	0 to 100,000 cP
Temperature range (sensor):	-40°C to 400°C (HT2 model)
Pressure range:	10,000 psi
Sample cell connections:	HiP
Wetted materials:	SS 316, Hastelloy C276

Signal Processor

Type:	VP550
Environmental Rating:	IP65
Power Supply:	24 V DC @ 100 mA (including transducer)
Analog Outputs:	3 × 4-20 mA fully configurable, representing viscosity, corrected viscosity or temperature
Digital Output:	RS485 Modbus serial link
Temperature:	Viscosity correction to reference temperature
Alarms:	2 × volt-free contact outputs

