

NO MOVING PARTS - **VISCOSITY SENSORS**

VTS



Make a risk-free investment in the future of your dispensing process

VTS

THE VISCOMETER

The VTS is a vibrational viscometer unlike similar viscometers. The VTS operates at a high frequency, well above machine vibration, eliminating false readings and allowing for simpler mounting. It is designed to be intrinsically safe and requires no high-pressure solvent flush for cleaning.

The VTS features a built-in temperature probe that makes expanding your system to include temperature control simple and cost effective.



IMPROVE PERFORMANCE

Saint Clair Systems viscometers assure the improvement of your equipment's performance by making immediate and accurate viscosity adjustments. They are the perfect solution for controlling the viscosity of both solvent-based and water-based coatings during the dispensing process.

Increase customer profitability:
assure product consistency – Coating quality is accurately maintained

Robust, reliable and maintenance-free:
no moving parts

Easy-to-handle and install:
any mounting position, light weight

High adaptability:
match with any cup (DIN, FORD, ZAHN...)

- ▶ **RECOVERS** wasted time as no moving parts means little to no maintenance
- ▶ **ELIMINATES** production waste by limiting rejects
- ▶ **REDUCES** risk with our performance guarantee



Features & Specifications

Measure Range	<ul style="list-style-type: none"> ▶ 0.2 to 200 cP standard ▶ Or 50s (DIN4), 60s (Ford #4), 80s (Zahn #2) ▶ Adjustable to your application
Precision	▶ ±0.2 cP (±0.05s for cups)
Size	▶ L: 280mm - Dia: 140mm; (L: 11 in - Dia 5.5 in)
Weight	▶ < 5kg; (<11 lbs.)
Working Conditions	▶ Up to 75° C - 20 bar; (167° F - 290 psi)
Material	▶ 316L stainless steel
Process Mounting	▶ 3/4' NPT threaded connections
Body Watertightness	▶ IP67
Homologation	▶ ATEX II 2G/D Ex d IIC T6
Regulatory	▶ CE Marked (European Conformity)
Integrated Electronic	<ul style="list-style-type: none"> ▶ Viscosity and temperature outputs ▶ RS485, 4-20 mA
Power Supply	▶ 24 VDC (±2.4 V filtered and stabilized)

▼ advantage

THE COMPANY

Saint Clair Systems is a name synonymous with viscosity control. We invite you to take advantage of our expertise and deep knowledge base. If you are interested in learning more about the next generation of viscosity control, please contact your Saint Clair Systems representative or contact us directly. Our promise is simple:

Our experts will work with your team until your expectations are met.



VISCOSITY SENSORS FOR DISPENSING APPLICATIONS

Saint Clair Systems viscometers are designed to improve equipment performance by making instant viscosity adjustments. For solvent-based or water-based coatings, Saint Clair Systems technology delivers the perfect solution for controlling viscosity during the coating process.

Whatever your industry, we understand and develop solutions for many coating operations. For a personalized consultation on viscosity control, contact us at: viscosity.com/get-in-touch-with-us/ or phone: (586)-336-0700

Example of Saint Clair Systems in-line viscosity control installation in a typical dispensing system

