

Описание на датчики вязкости. Модель VTS

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NO MOVING PARTS • **VISCOSITY SENSORS**



nVC norcross viscosity controls

VTS

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

THE VISCOMETER

The VTS is a vibrational viscometer developed using Sofraser technology. Unlike similar viscometers, the VTS operates at a high frequency, well above machine vibration, thus 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

Norcross 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 inks during the printing process.

- ▶ **Increase customer profitability:**
assure product consistency— ink 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

Measuring Range	▶ 0.2 to 200 cP standard ▶ Or 50s (DIN4), 60s (Ford #4), 80s (Zahn #2) ▶ Adjustable to your application
Precision	▶ ± 0.2 cP (± 0.05 s for cups)
Size	▶ L: 280mm - Dia: 140mm; (L: 11 in - Dia: 5.5 in)
Weight	▶ < 5 kg; (< 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	▶ Viscosity and temperature outputs ▶ RS485, 4-20 mA
Power Supply	▶ 24 VDC (± 2.4 V filtered and stabilized)

THE COMPANY

Norcross 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 Norcross representative or contact us directly. **Our promise is simple: Our experts will work with your team until your expectations are met.**

nvc

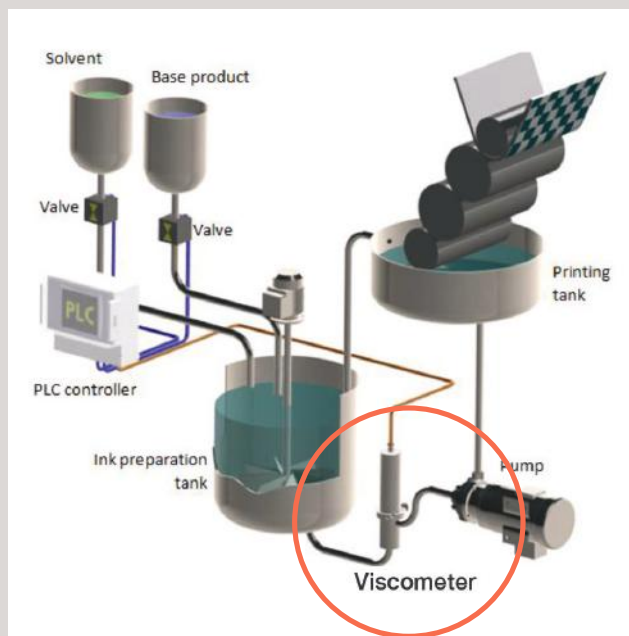
▼
advantage



VTS

VISCOSITY SENSORS FOR PRINT APPLICATIONS

Norcross viscometers are designed to improve equipment performance by making instant viscosity adjustments. For solvent-based or water-based printing inks, Norcross technology delivers the perfect solution for controlling viscosity during the printing process.



Example of Norcross
in-line viscosity control
installation on a typical
ink system

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