



Fasnacht ViscoPoint® S6-VR

Inline Viscometer designed for the printing process machinery

Multiple Processes

Flexographic printing

Gravure printing

Coating

Paper & corrugated printing



Whatever industry you are in, we understand and develop solutions for many applications. For a personalized approach, contact us at: info@fasnacht.biz

In-Line VISCOSITY SENSOR FOR THE PRINTING & Packaging Industry

Based on Fasnacht's over 50 years of technological experience and their latest innovations, Fasnacht offers an inline viscometer dedicated to the printing industry with this **ready to use sensor**, for easy integration into all printing presses.

The ViscoPoint® S6-VR viscometer assures the improvement of your equipment's performance by allowing instant **viscosity** and **temperature** measurements for flexo and gravure printing. It is the perfect solution for monitoring the viscosity of either solvent or water-based printing inks during the printing process.

- **Increase customer & your profitability:** assures product consistency, ink quality is accurately maintained.
- **Robust, reliable and maintenance-free:** with no moving parts, the ViscoPoint® S6-VR provides reliable viscosity measurement and can be connected to any existing controller and Fasnacht Pentasmart.
- **Easy-to-handle and install:** the ViscoPoint® S6-VR sensor can be mounted in any position and is compliant with the main industry's standards.
- **High adaptability:** matching with any cup (DIN, FORD, ZAHN...)
- **High performances:** it is unaffected by particles or bubbles

Fasnacht® ViscoPoint® S6-VR

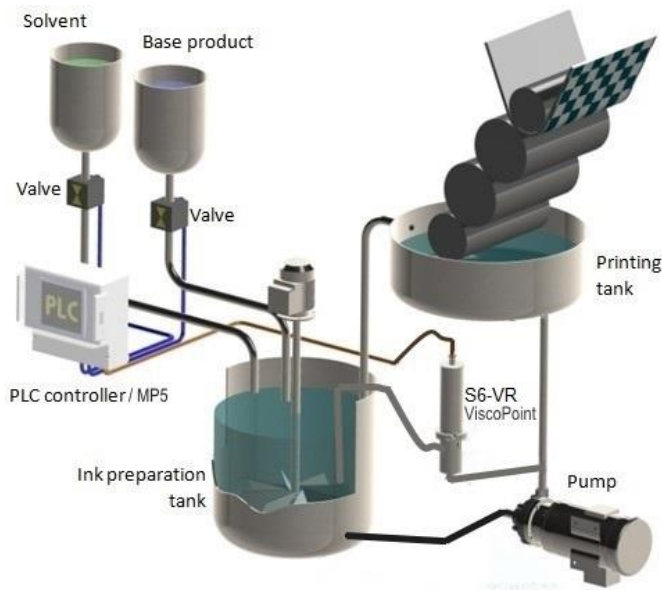
Viscometer designed for the printing process machinery



FEATURES AND SPECIFICATIONS Fasnacht ViscoPoint® S6-VR

Measuring range	<ul style="list-style-type: none"> • 0.2 to 500 cP in standard • or >70 s DIN4, >100 s FORD4, >70 s ZAHN2... • Adjustable to your application
Precision	<ul style="list-style-type: none"> • ± 0.2 cP (± 0.1 s for cups)
Size	<ul style="list-style-type: none"> • Length: 240 mm – Diameter: 100 mm
Weight	<ul style="list-style-type: none"> • < 5 kg
Working conditions	<ul style="list-style-type: none"> • Up to 75 °C • 20 bar
Material	<ul style="list-style-type: none"> • 316L stainless steel
Process mounting	<ul style="list-style-type: none"> • ¾" NPT threaded connections
Sensor body watertightness	<ul style="list-style-type: none"> • IP67
Homologation	<ul style="list-style-type: none"> • ATEX II 2G/D Ex d IIC T6
Regulatory	<ul style="list-style-type: none"> • CE marked (European conformity)
Integrated Electronic	<ul style="list-style-type: none"> • Viscosity and temperature outputs: RS485*, (CAN) • * MODBUS/RTU
Power supply	<ul style="list-style-type: none"> • 24 VDC (± 2.4 V filtered and stabilized)

Example of Fasnacht ViscoPoint® S6-VR viscosity control installation in the printing industry



In the 1950's, Fasnacht invented & patented the world's first Falling Ball viscometer, and since then has been copied worldwide. The new Fasnacht ViscoPoint® S6-VR is another ORIGINAL Visco Inline system at resonance frequency.

The MIVI's vibration amplitude varies according to the viscosity of the product in which the rod is immersed.

The active part of the sensor, a vibrating rod held in oscillation at resonance frequency, is driven by constant electrical power.

Fasnacht Visco Solutions remain unsurpassed regarding process reliability and accuracy.



Temperature sensor & vibrating rod