ViscoPoint S6-FB Viscosity Control System

ViscoPoint® S6-FB Viscosity Control System

Our new viscosity control system has been developed to achieve high precision results in viscosity control on a low cost level. ViscoPoint® S6-FB is offering reliable viscosity control and temperature measuring (S6-FB-B only) for water- and solvent based inks in Flexo- and Gravure Print, adhesives, 2K-inks and lacquers.

The PentaSmart® S6 controller family integrates the new viscosity sensor with additional functions. The measurement is done by a bypass from the ink tank and is independent from the ink volume in the tank. The ViscoPoint® S6-FB Viscosity Control System uses the worldwide proven and from Fasnacht developed dropping body measuring principle.

Process Range

- Flexographic printing
- Gravure printing
- Coating
- Paper & corrugated printing

Fasnacht Advantages

- Low Investment
- Quick And Easy Installation
- Immune To Vibrations
- Interface With Oem Machine Control
- Reliable And High Precision Viscosity Measuring
- Low Maintenance
- Atex Conform System
- Swiss Made

Configurations

- Version S6-FB-A: Viscosity control
- Version S6-FB-B: Viscosity control and temperature measuring
- OEM integration -> ViscoSmart S6-FB-C/D
- Viscosity Control incl. PentaSmart and PC-ViscoPoint Manager software option
- Mounting Box for easy installation

FASNACHT®
VISCOSITY SYSTEM S6-FB

PentaSmart Controller/Display

ViscoPoint S6-FB

FEATURES AND SPECIFICATIONS Fasnacht ViscoPoint® S6-FB

Supply voltage: 24 VDC

Displayed viscosity on PC: in cup seconds

Supply pressure for air: 6 bar

Viscosity meas. range: 5-400 mPa·s (as per dropping body)

Rec. solvent pressure: 1 bar (+/- 20%)

Meas. and control tolerance: <1% of viscosity

Ink connections: 1/2" hose

Alarm monitoring: yes

Measuring principle: Bypass, dropping body

Dim. of measuring unit (WxHxD): 80 x 453 x 56 mm

Ink quantity required: Min. 2l/min at (20 mPa·s)

Dim. of control unit (WxHxD): 21 x 90 x 67 mm

Display: PentaSmart Display & all PentaSmart features, Integration -> No Display

Integrated Electronic (Viscosity and temperature outputs): RS485, MODBUS-RTU, CAN

Standard warranty: 2 years

System expansions with PentaSmart:

1. Temperature Control (FB-B only) -> OP-TC-X
2. Flow Sensor (measures 1 or solvent) -> OP-SC-A
3. Tank Level Sensor (FB-A only) -> OP-TL-X
4. Recipe mixing, blending, dosing -> OP-SM-X
5. Box -> Z5015
6. ViscoPoint Manager V6 -> OP-VM-A