

Fasnacht Viscosity Controller S6-FB (Visco Systems)

Often imitated, never duplicated!

More than 50 years ago, Hugo Fasnacht invented the world famous Falling Ball System and Fasnacht became the first company in the world to develop specialized viscosity control systems for the printing industry. Individual components like the dropping body was patented. Upon expiry of the patent protection, our competitors attempted to copy our Falling Ball Visco system.

Swiss made - globally recognized.

Today, our systems are installed on machines from all major machinery manufacturers worldwide. These products help define standards recognized throughout the printing industry. Our team of development engineers works closely with both machine manufacturers and end customers in order to find the most cost-effective solutions and challenges facing the market.

Product Info - ViscoPoint S6-FB (Falling Ball)



ViscoPoint S6-FB



PentaSmart Controller/Display

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 measuring and temperature control for water- and solvent based inks in Flexo- and Gravure Print, adhesives, 2K-inks and lacquers.

The PentaSmart controller family integrates the new inline 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 to the worldwide proven and from Fasnacht developed dropping body measuring principle.

Process Range

- Flexographic printing
- Gravure printing
- Coating
- Product 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 reading and measuring
- low maintenance
- ATEX conform system
- Swiss Made

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 / 3/8" thread 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

Standard warranty: 2 years

Configurations

- Standard Viscosity Control System w/without temperature, for OEM integration
- Standard Viscosity Control System No temperature incl. PentaSmart
- Standard Viscosity Control System with integrated temperature incl. PentaSmart
- Full Viscosity Control incl. PentaSmart and ViscoManager software options

Options with PentaSmart:

- 1) Temperature Control
- 2) Flow Sensor (measure 1 or more solvents)
- 3) Tank Level Sensor (TLC)
- 4) Recipe mixing, blending
- 5) Dosing

ViscoManager Software

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