

S6-FB VISCOSITY CONTROL SYSTEM

Automatic control of viscosity and temperature based on the dropping body measuring principle



(Fig. dropping body viscometer with PentaSmart control unit installed and wired in stainless steel mounting box).

Features

- Substantial and sustainable cost reductions
- Improving print quality
- Productivity increase
- Low procurement costs
- Low maintenance
- Simple installation and commissioning
- Average service life > 20 years

Functions

- Precise control of viscosity and temperature
- Decentralised or centralised control
- Solvent mixing / consumption measurement
- Central colour database
- Print job management
- Reporting and analyses
- PLC Integration

Anwendungsbereiche

- Gravure printing
- Flexo printing
- Coating
- Lamination
- Paper and corrugated board printing
- Solvent and water-based media
- Lacquer, 2K lacquer, adhesives

Spezifikationen

- Viscosity output: cup seconds
- Measuring principle: dropping body
- Measuring range: 5 – 1000cP
- Tolerance range: < 1% of the effective viscosity
- Standard interface: MODBUS RTU
- Power supply: 24V DC
- EX safe

ByPass Installation / Gravure- and Flexo-Setup

