



STT-100 Sanitary Viscometer

The STT-100 In-Line Viscometer is designed to provide years of trouble-free service in closed loop systems which require constant monitoring and associated control of product viscosity. This instrument is 3A approved and has been used successfully in many food applications.



FEATURES AND BENEFITS

- Conforms to 3A sanitary conditions and has clean-in-place (CIP) design
- Continuous measurement eliminates need for "Grab" sampling and allows for prediction and constant control of final product properties
- Concentric cylinder geometry (Couette type) provides viscosity measurements at defined shear conditions
- Defined shear means agreement with Brookfield Laboratory measurements at equivalent shear rates
- Constant or variable speed motors available
- 4-20 mA output signal provides a variety of display and control capabilities
- Capable of a wide range of pressures, temperatures, viscosities, flow and shear rates
- Measurement "Zone" is protected from main flow, allowing accurate, repeatable measurement under variable conditions
- Mounts in-line supported by connections: Available in 3" or 4" pipeline connections; sanitary, threaded or flanged
- Easy to check and maintain calibration

SPECIFICATIONS

- Viscosity Range: 350 - 250,000 (cP/mPa·s)
- Speeds: single speed: application specific
- Input Power: 115 Vac: 50/60 Hz or 230 Vac: 50/60 Hz, 24 Vdc, 12 Vdc
- Output: 4 - 20 mA

OPTIONS

- Standard design with flanged connections
- Variable speed motor
- Computer controlled variable speed viscometer