

AST-100

In-line Viscosity Control

The AST-100 is the world's most innovative means of viscosity control.

- ▶ No moving parts to wear, bind or contact process materials
- ▶ No narrow gaps to trap product
- ▶ Simple Clean-In-Place design
- ▶ Rugged 316 SS construction
- ▶ Continuous, reliable 4-20 mA output
- ▶ Saves you money while increasing your production
- ▶ Easy installation

Assembly Guides

Viscosity Sensor & Chamber

Product Outlet

Product Inlet

AST-100

In-line Viscosity Control

Ranges and Specifications

Viscosity Range:

2-3000 cP

Temperature Range:

-20°C - +120°C

Pressure Range:

Vacuum to 200psig maximum

Repeatability and Stability:

±1% of the Reading

Power Requirements:

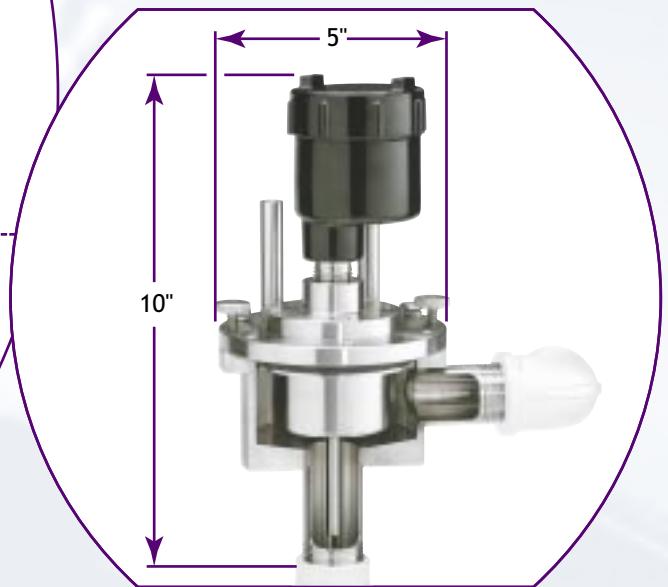
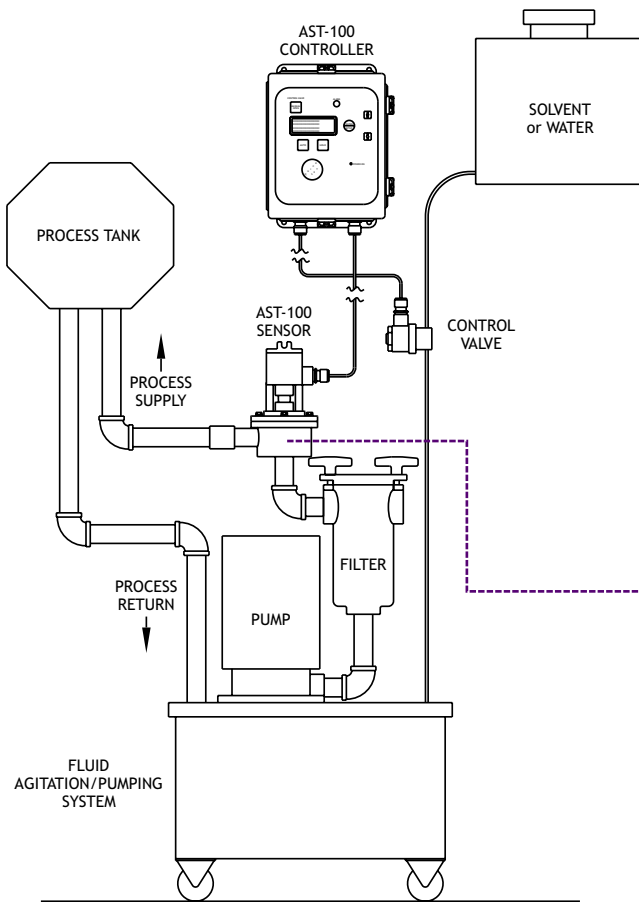
115/230 VAC (auto set), 50 or 60 Hz

Connections:

1" NPT inlet/outlet

Optional Specifications:

- Sanitary 3A design
- Explosion-proof design
Class 1, Division 1
Groups C&D (FM Approved)
- pH control



Typical Viscosity Control System

MODEL	VISCOSITY RANGE (Centipoise)		DATA DISPLAY	APPLICATIONS
	Min.	Max.		
AST-100	2	3000	Read-out Digital	Adhesives Ceramic slurries Chemicals Coatings Creams Dairy Products Food Products Inks, solvent-based Inks, water-based Juices Oils Paints, latex Paper Coatings & Pulp Starches Varnishes

BROOKFIELD[®]
Specialists in the measurement
and control of viscosity

Brookfield Engineering Laboratories, Inc.
11 Commerce Blvd. Middleboro, MA 02346-1031 USA
Tel: 800.628.8139 or 508.946.6200 Fax: 508.946.6262
www.brookfieldengineering.com