

STALWART

High-Temperature Viscometer STV-300T



Introduction

High-Temperature Brookfield Viscometer is characterized by high measurement sensitivity, reliable test results, and a small sample size. It is easy to operate and features an elegant design, making it a precision instrument for measuring the absolute viscosity of Newtonian liquids and the apparent relative viscosity of non-Newtonian liquids.

Features

- 3.0-inch TFT Color Dot-Matrix Display provides intuitive parameter visualization, user-friendly operation, and a beautiful appearance.
- High-Precision Stepper Motor ensures accurate speed control with low noise and maintenance-free operation.
- Data Storage: Stores up to 10,240 measurement records.
- Real-time viscosity-temperature-time curve display for dynamic analysis.
- Equipped with RS232 interface for printer/PC connectivity.
- Dual PT100 Temperature Probes monitor sample temperature in real time, displayed on a dedicated temperature controller.
- Features timed measurement function, stepless speed control (0.1–200 rpm).
- Broad Viscosity Range: 50–10,000,000 mPa·s, ideal for high-viscosity molten samples (such as hot melt adhesives, asphalt, plastics, etc.).

Specification

Item	STV-300T
Power Supply	220V/50Hz
Measurement Range	50~ 10M mPa.s
Spindle Specification	No.21, 27, 28, 29 (4 Spindles included)
Speed Range	0.1-200rpm(stepless control)
Sample Volume	10~20ml
Measurement Accuracy	±1% (Newtonian Fluid)
Repeatability	±0.5% (FS) Newtonian Fluid
Temp. Control Range	RT +10°C - 300°C
Temp. Accuracy	±0.1°C
Net Weight	9.66Kg
Dimensions	290x240x580mm

Packing List

Item	Qty
Main Machine	1
Temperature Controller	1
Main Base Frame	1
Heating Oven	1
Spindles no 21,27,28,29	Each
RS232 Communication Cable	1
Lifting Column, Column Fixing Screw	1
Temperature Probe	1
Connecting Hook	1
Crossbar, Wrench, Hex Wrench	1
Tweezers	1
Power Adaptor	2