

# RSX Soft Solids Tester Rheometer

## High-End Rheometer to Characterize Creep Behavior and Yield Stress

- Quick Test functionality allows for testing in minutes
- Auto immersion for fast and repeatable results
- Provides standalone simplicity for QC users
- Features a rugged design for industrial applications
- Provides the ability to test soft solids and thicker materials with a 200 mNm motor

### What's Included?

- Instrument
- Power Cord
- Sample Table
- Accessory Kit
  - USB cord
  - Screen Protector
  - Bubble Level



Spindle	Vane length mm	Vane Diameter mm	Shear stress Pa
VT-10-5	10	5	218 – 437 k
VT-20-10	20	10	27 – 55 k
VT-20-20	20	20	5.97 – 12 k
VT-30-15	30	15	8.08 – 16 k
VT-40-20	40	20	3.41 - 7000
VT-40-40	40	40	0.75 - 1500
VT-50-25	50	25	1.75 - 3500
VT-60-8	60	8	15.9 – 32 k
VT-60-15	60	15	4.35 - 9000
VT-60-30	60	30	1.01 - 2000
VT-80-40	80	40	0.43 - 1000
VT-80-70	80	70	0.13 - 250

# RSX SST Rheometer

Soft-Solids Tester (SST) for pastes, slurries, and materials with particulates

## Features

Controlled shear stress/shear rate operation to analyze comprehensive flow behavior

Large, user-friendly touchscreen and graphical display for standalone operation

Quantifies properties like creep behavior, yield stress, and viscosity profiles

Features an automated sample search and immersion

Auto immersion to automatically insert the vane spindle into the sample at the correct height

Quick Connect Coupling System for easy spindle attachment

Spindle barcode for auto spindle recognition

Rugged design for use on the production floor

Vane Spindle Geometry to measure paste-like materials and other fluids

Increased 200 mNm torque motor for testing tough samples

Motorized stand for easy height selection

*Complies with ASTM C474-15:  
Standard Test Methods for Joint Treatment Materials  
for Gypsum Board Construction.*

## Optional Accessories

- Vane spindles
- Circulating Temperature Baths
- Water Jacket for Temperature Control
- Temperature sensor
- Bob (spindle) and Chamber
- Thermosel System
- Concentric Cylinder Mounting Adapter

## Rheo3000 Software

Optional Rheo3000 Software allows PC control and data acquisition/analysis of multiple test files.



## Applications:

- Adhesives
- Biomass
- Food and Beverages
- Gypsum
- Chemical Production
- Paints and Coatings

