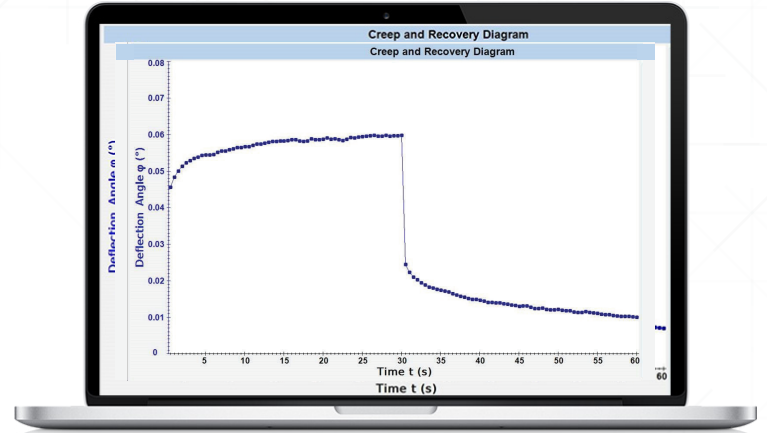


Rheo3000 Software

Can be programmed with the RST, RSO, and RSX Rheometers to control shear stress or shear rate. Supports viscoelastic measurements when used with the RSO – including frequency sweep, amplitude sweep, G' and G'' measurements – providing R&D users with advanced testing capabilities. Data is saved in a SQL database for easy access by multiple users on a network. Multiple test programs can be used for complete characterization of material flow behavior:

- Viscoelastic modulus
- Yield stress
- Viscosity flow curve
- Creep behavior
- Recovery



FEATURES & BENEFITS



Program by controlled stress or rate



User-friendly design and interface



Automate viscosity vs. temperature testing



Store data fast and safe in a SQL database



User management & audit trail to support 21 CFR requirement



Quality control limits for pass/fail test



Data In- and Export (.txt, .csv, .xml)



Automate analysis of data collected



Calculate yield and average viscosity



Create flow curves and plot yield stress



8 supported languages

COMPUTER REQUIREMENTS

- Windows 8 64-bit, Windows 10 64-bit, Windows 11
- 2 GHz processor
- 2 GB RAM
- One USB port (if using a temperature controller, an RS-232 port is also required)
- 1280x800 resolution display with 128 MB of graphics memory

COMPATIBLE PRODUCTS

- RST Coaxial Cylinder, Cone Plate, and Soft Solids Tester Rheometers
- RSO Rheometer
- RSX Rheometer



Repeatable



Reliable



Accurate