

S-Rheo Series

Severs Extrusion Rheometer



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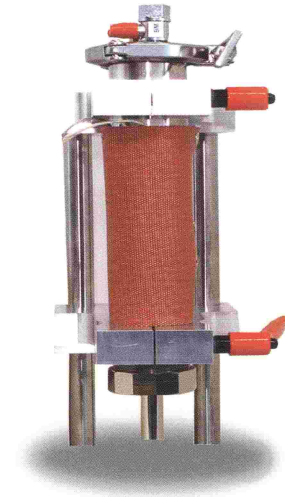
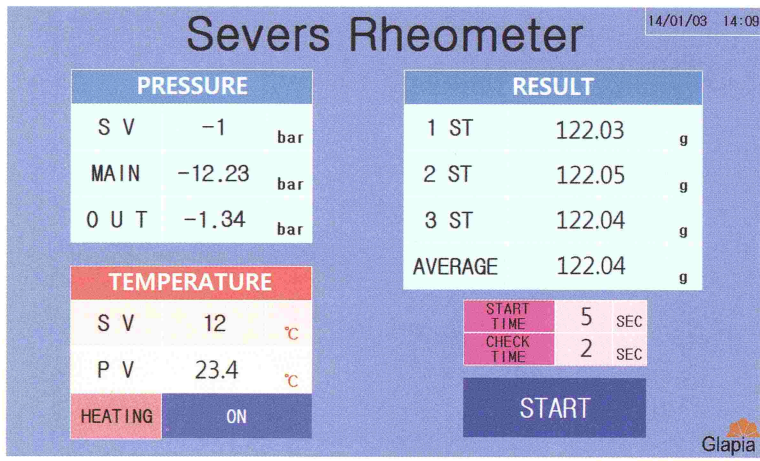
Description & Benefits

- S-Rheo Severs Rheometer easily know the rheological properties and viscosity characteristics from the various extrusion pressure from 0 to 10(145psi)bar with sample flow rate through orifice.
- S-Rheo Severs Rheometer calculate sample's viscosity, shear stress, shear rate by software relate to the conditions encountered in coating, mixing, pumping, spraying, printing process etc.
- S-Rheo Severs Rheometer meet the various applications from the low viscous to high viscous sample max 1million cP.
- The sample viscosity, shear rate, shear stress can be showed by software.
- Graphic curves can be drawing by different conditions.
- User friendly, simple, precise S-Rheo 8000 Software.
- S-Rheo series Severs Rheometer use for QC as well as R&D
- Fully touchscreen software clad automatic model S-Rheo8000 and manual S-Rheo5000 are available.

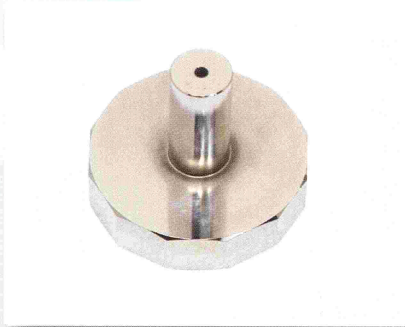
Applications

- Adhesive, Asphalt, Chocolate, Cream, Gels, Gums, Lubricants, Cosmetics, Composite Polymers, Emulsions, Epoxy, Soaps, Waxes, Sealant, ink, Food, Molasses, Plastics, Paste, Compound, Tars, Biological Fluids, Paints, Resin, Varnish etc..

S-Rheo 8000 Touchscreen Software, Heating



S-Rheo 5000, 8000 Orifice type



Flat type



Conical type



Mesh type

Specification

1. Chamber size : 40 ϕ × 300mm(customized), Material : sus304(stainless Steel)
2. Output clamp : Flat type, hole 3 ϕ 45°, Conical type, hole 3 ϕ , Mesh type(optional)
3. Viscosity Range : 1centipoise ~ 1 million centipoises
4. Pressure Range : 0bar ~ 10bar(145psi)
5. Sample volume : minimum 100ml to 350ml(depends on sample).
6. Pressure Regulator, gauge (model S-Rheo5000)
7. Touch Screen Panel Display, Fully Auto Control and Air flow System, software show sample viscosity, shear rates, shear stress(model S-Rheo 8000)
8. Temperature control: Ambient ~ 70°C(model S-Rheo8000 -Optional)
9. Size: 57 X 36 X 56 cm (model S-Rheo8000)
10. Weight : 25Kg (model S-Rheo8000)
11. Atmosphere apparatus : Gas pressure (Ex : Nitrogen bombe), Stopwatch, Balance(model S-Rheo5000)