

## Features & Benefits.

The VISCOPro+ is designed for performing routine rheological tests, from quick single-point checks to multi step flow curves. The VISCOPro+ is ideal for investigating the mixing and stirring behavior of emulsions and dispersions as well as performing conventional viscosity curves.

The VISCOPro+ includes innovative features such as:

- > Rotational Viscometer with integrated temperature controller for isothermal & Gradient temperature control
- > The MICRA Windows research software (optional )
- > Wide speed and torque ranges
- > Precision torque measurement
- > Automatic user calibration
- > Quick capture / release tools
- > Membrane keypad with 16 keys
- > Direct readout LCD

### Data Displayed:

Selected Speed	RPM / S <sup>-1</sup>
Selected system	CP/PP/CC
Viscosity reading	cP / mPa.s
Torque	mNm / %FS
Sample Temperature	0.01 °C
Shear Rate	S <sup>-1</sup>
Shear Stress	Pa. (N/m <sup>2</sup> )

## Specifications

> Minimum Viscosity	1cP (mPa.s)*
> Maximum Viscosity	10M cP (mPa.s)*
> Speed	0.1 to 1000 ** 1/min
> Angular Velocity	0.01 to 100 rad/s
> Torque	0.001 to 10mNm
> Shear Stress	System Dependent
> Shear Rate	System Dependent
> Temperature Range	System Dependent
> Temperature Resolution	0.01°C
> Temperature control	System Dependent
> User selectable speeds	10,000
> Measuring systems	Concentric Cylinders
> Dimensions	180 x 420 x 340 mm
> Weight	4 Kg

• Range depends on measuring system used.

For more information please visit.

[www.rheosys.com](http://www.rheosys.com)

## Technical File

> Precision	± 1% of Full Scale
> Torque Resolution	< 0.1uNm
> Viscosity Resolution	
Manual Control	1 cP (mPa.s)
Software control	0.1 cP (mPa.s)
> Repeatability	0.2%

### Complete Configuration :

VISCOPro+ Instrument  
Instrument stand  
PSU + Cable (Instrument)  
C25 cup & bob system  
C14 cup & bob system