

## Programmable Touch-Screen Viscometer (Rheometer)



This range of Programmable touch screen viscometers (Rheometers) can measure a samples viscosity at different speeds and rotation. The operator can also set the shear rate and shear stress to examine a sample's rheological behaviour.

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## Key Features

Displays sample shear rate and shear stress

Continuous viscosity testing with audible alarm feature when beyond measurement range Large 7-inch HD screen

Powerful interface with intuitive menu icons

Anti-static outer shell and PC material lifting pole

Built-in temperature probe (RTD – PT100)

ARM chip processor: higher data processing speed

Gigabit ethernet port

Supplied with a USB port, and an RS 232 interface for printer connection

Can be calibrated by user- temperature and viscosity correction factors are password protected

Converts freely between various viscosity units e.g. dynamic viscosity will convert to kinematic viscosity automatically

Linear calibration by computer

Power supply: 100V-240V

Supplied with detailed operating manual

Product Code	Measurement Range	Rotational Speed	No. Of Rotors	Accuracy
T01-700307	1 – 2 M mPa.s	0.3 -100 rpm	4	± 1.0 %
T01-700308	100 - 13M mPa.s	0.3 -100 rpm	6	± 1.0 %
T01-700309	200 – 26M mPa.s	0.3 -100 rpm	6	± 1.0 %
T01-700310	800 – 104M mPa.s	0.3 -100 rpm	6	± 1.0 %
T01-700311	0.5 – 6M mPa.s	0.1 -250 rpm	4	± 1.0 %
T01-700312	20 - 40M mPa.s	0.1 -250 rpm	6	± 1.0 %
T01-700313	50 – 80M mPa.s	0.1 -250 rpm	6	± 1.0 %
T01-700314	200 – 320M mPa.s	0.1 -250 rpm	6	± 1.0 %