

## Cone and Plate Viscometer

The versatility of the CAP 1000+ and CAP 2000+ makes these instruments a practical tool for any QC or R&D lab requiring quick and easy testing of materials, regardless of application, at high shear rates.

- Provides for viscosity measurements at high shear rates
- LCD display of viscosity in Poise or Pascal-seconds
- Uses less than 2 ml of sample to avoid excess cleaning and material costs
- Automatic viscosity range calibration and cone gap positioning make the viscometer easy to use
- Set the viscometer to take a reading at different timed intervals to ensure accuracy of results with thixotropic fluids

### CAP 1000+

- Two available speeds to comply with all paint industry standards worldwide (750 and 900 rpms), optional speed of 400 rpm upon request.

### CAP 2000+

- Variable speed instrument with a speed range of 5 to 1,000 rpm (1 rpm increments) that allows for varying shear rates from 10 to 13,300 sec<sup>-1</sup>
- Bi-directional RS-232 interface that allows for PC control with the optional CAPCALC 32 software



#### Standards

ASTM	D 4287
ISO	2884
BS	3900

#### Ordering Information

#### Technical Specifications

Cat. No.	Description	Temperature Range	Viscosity Poise	Speeds rpm	Accuracy	Shear Rate sec <sup>-1</sup>	Voltage	RS-232 Interface
7552	CAP 1000+ L, 115V	5 - 75 °C	0.25 - 100	750 or 900	± 2 % of full scale	up to 13,300	115V/60Hz	
7553	CAP 1000+ L, 230V	5 - 75 °C	0.25 - 100	750 or 900	± 2 % of full scale	up to 13,300	230V/50Hz	
7557	CAP 1000+ H, 115V	50 - 235 °C	0.25 - 100	750 or 900	± 2 % of full scale	up to 13,300	115V/60Hz	
7558	CAP 1000+ H, 230V	50 - 235 °C	0.25 - 100	750 or 900	± 2 % of full scale	up to 13,300	230V/50Hz	
7550	CAP 2000+ L, 115V	5 - 75 °C	0.2 - 15,000	5 - 1,000	± 2 % of full scale	10 - 13,300	115V/60Hz	X
7551	CAP 2000+ L, 230V	5 - 75 °C	0.2 - 15,000	5 - 1,000	± 2 % of full scale	10 - 13,300	230V/50Hz	X
7555	CAP 2000+ H, 115V	50 - 235 °C	0.2 - 15,000	5 - 1,000	± 2 % of full scale	10 - 13,300	115V/60Hz	X
7556	CAP 2000+ H, 230V	50 - 235 °C	0.2 - 15,000	5 - 1,000	± 2 % of full scale	10 - 13,300	230V/50Hz	X

#### Comes complete with:

Cone & Plate Viscometer  
1 cone – please specify  
Operation manual

**Note:** Specify cone number when ordering. Will need to order the appropriate viscosity oil to calibrate the CAP viscometer.

#### Timed Readings

Digital timer with continuous running override;  
range 15 to 99 seconds

#### Temperature Control

Increments of 0.1 °C

#### Printer Interface

parallel centronic

#### Dimension

26 x 18 x 19 in

#### Shipping Weight

20 kg (46 lbs)