

3 Channel Viscosity Timer For the Determination of Kinematic Viscosity



Removable Optical Sensor Assemblies –

These removable, submersible optical sensor assemblies are rated to 110°C and can be reused on viscometer tubes of the same type.

Each assembly includes two photodiode sensors, two lamps, support hardware, cable assembly and operation manual.

The Visco III 3 channel viscosity timer by UIC, Inc. offers an economical and highly reliable method for the determination of kinematic viscosity in Newtonian fluids.

Suitable for use with virtually any glass viscometer that has been equipped with our proprietary optical sensors, the Visco III timer accurately measures the time it takes a fluid meniscus to pass between two points. In this fashion, the Visco III timer can be used to accurately determine viscosities over the range of 0.5 to 100,000 centipoise with a repeatability of +/- 1%.

Featuring quartz crystal technology to permit the measurement of time in units of 1.0, 0.1 or 0.01 seconds, each Visco III timer also includes self-diagnostics which allow adjustment of the optical sensors for variations in viscometer wall thickness.

Specifications:

Timing Precision: 0.01 sec. or 0.02% (whichever is greater)

Timing Range: 199, 1999 and 19999 sec. (depending on range selected)

Inputs: Standard UIC removable optical assemblies. Up to 3 at one time

Power: 120 VAC, 50/60 Hz, 20 W



Ordering Information

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J1829-000 - Model 821 Visco III Timer -
Includes power cord and operation manual.

- J1229-351** Cannon-Ubbelohde Semi-Micro Viscometers
- J1229-352** Cannon-Ubbelohde Dilution Viscometers
- J1229-353** Ubbelohde Viscometers
- J1229-354** Cannon-Fenske Routine Viscometers
- J1229-356** Cannon-Fenske Opaque Viscometers
- J1229-357** Zeitfuchs-Crossarm Viscometers