

## Features & Benefits

- Wide viscosity range from 3 to 50,000 poise
- Accuracy better than  $\pm 2\%$ , repeatability better than  $\pm 0.75\%$
- Can operate in constant temperature oil bath from  $-20^{\circ}\text{C}$  to  $100^{\circ}\text{C}$  (up to  $160^{\circ}\text{C}$  for high temperature model)
- Suitable for opaque and transparent fluids
- Reusable/disposable sample tubes and balls
- Results can be transmitted to host computer or optional printer via an RS-232 serial interface
- Can display results in poise, centipoise, stokes, or centistokes
- Models DV-4, DV-4X4, and DV-8 can test multiple samples simultaneously
- DV-4X4 can test multiple samples at two different temperatures simultaneously



Serving the following industries:

Adhesive	Oil
Cement	Paint
Ceramic	Polymer
Chemical	Printing
Coating	Pulp/Paper
Cosmetic	Resin
Food	Textile
Medical	...and more



Electronic Falling-Ball Viscometer

## Design.Develop.Deliver

## Falling-Ball Viscometer

The falling-ball method of measuring viscosity is known for its ease of operation and extreme accuracy. This instrument greatly enhances the method through automatic electronic ball sensing and microcomputer control.

The viscometer can measure both transparent and opaque fluids. The plastic sample tubes and steel balls can either be cleaned and reused, or disposed of.

The test stations are designed to be immersed in an oil bath to maintain a constant temperature. Both four tube test stations with the model DV-4X4 are designed to be immersed in two separate oil baths so that viscosity can be measure at two different temperatures simultaneously.



### Dimensions:

- |  |   |
|--|---|
| • Single Tube Test Station: 5.5"D x 5.5"W x 10"H | • Controller: 11"D x 12.5"W x 5.5"H         |
| • Four Tube Test Station: 8.5"D x 8.5"W x 10"H   | • Polyethylene sample tube: 1.260 ID, 150mL |
| • Eight Tube Test Station: 8.5"D x 17"W x 10"H   | • Steel Ball: 0.375" dia.                   |

### Model Options:

DV-1	Electronic Viscometer with single tube test station
DV-4	Electronic Viscometer with four tube test station
DV-4X4	Electronic Viscometer with two four tube test stations
DV-8	Electronic Viscometer with eight tube test station
ST-10	Sample Tube (qty. 10)
STC-10	Sample Tube Cover (qty. 10)
SB-10	Steel Ball (qty. 10)
BG-1	Ball Guide (qty. 1)

Please specify 115VAC, 50/60Hz or 230VAC, 50/60HZ power.



**Design.Develop.Deliver**