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# **MODEL VR-2110**

# HEPPLER VISCOMETER

### Outline

This device is used to measure the viscosity of oils, paints, etc., and is also called a falling-ball viscometer. The sample is kept at a certain temperature and a steel ball with a known coefficient is dropped in an inclined sample tube. The time taken for the ball to pass a certain distance is measured with a stopwatch, and the viscosity  $(mPa \cdot s)$  of the material is derived from the passing time.



MODEL VR-2110



# **Features**

- OFor measurements of viscosity ranging from 20 to 200,000 mPa·s
- ODelivered with five steel balls of which diameter, density, and device coefficient are known.
- OComes with sample temperature control functions.

# **Specifications**

MODEL	VR-2110		
Sample Tube	Inner diameter 16mm length 210mm		
Measurement Temperature Range	Normal temperature to 80°C (heater AC100V)		
Range Of Measurement	20~200,000 mPa·s		
Steel Ball	5 types		
External Dimensions	Approximately 280 (W) x 200 (D) x 300 (H) mm		
Weight	Approximately 13kg		
Accessories	Thermometer	0 to 50°C	1
		50 to 100°C	1
	Steel ball	5 types	1 each
	Steel ball forceps		1
	Constant conversion table		1
	· Metal fittings		1
	Pump (Enema Syringe)		1
	Temperature Controller		1



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