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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.



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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

