



Stainless Steel Viscometer Cup

Glass Viscometer Cup



Product Features:

Rotary Viscometer is a rotary viscometer, driven by a motor through a variable speed belt to rotate the rotor at a constant speed. When the rotor rotates in the liquid, the greater the viscosity of the liquid acting on the rotor, the greater the viscous torque; conversely, the smaller the viscosity of the liquid, the smaller the viscous torque. The viscous torque acting on the rotor is detected by a sensor and the viscosity of the measured liquid is obtained by computer processing.

Rotary Viscometer uses microcomputer technology, which can easily set the range (rotor number and speed), digitally process the data detected by the sensor, and display the rotor number, speed, viscosity value of the measured liquid, and its full-range percentage value on the display screen.

DHJ-5S is equipped with four rotors (No.1, 2, 3, 4) and four speed levels (6, 12, 30, 60 rpm), which can be combined into 16 combinations to measure the viscosity of various liquids within the measurement range.

Product Introduction

Rotary viscometer / Rotary Viscosity Meter

Rotary viscometer features high measurement sensitivity, reliable test results, user-friendly operation, and an elegant design. It is an instrument used to measure the absolute viscosity of Newtonian liquids and the apparent viscosity of non-Newtonian liquids. It finds wide applications in measuring the viscosity of various substances such as oils, paints, plastics, pharmaceuticals, cosmetics, coatings, detergents, and more.

This instrument utilizes microcomputer technology, allowing convenient range setting (rotor type and speed). It digitally processes the data detected by the sensor and displays on the screen the set rotor type, speed, viscosity value of the tested liquid, and its full-scale percentage value during measurement.

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Technical Parameters

Model	DHJ-5S	DHJ-9S	DHJ-8S
Measurement Range	1 to 100,000 mPa·s		1 to 2,000,000 mPa·s
Rotor Specifications	Rotor 1, 2, 3, 4 (Rotor 0 can be optionally added for measuring low viscosity down to 0.1 mPa·s)*		
Rotor Speed	3/6/12/30/60 RPM		0.3/0.6/1.5/3/6/12/30/60 RPM
Measurement Accuracy	±2% (Newtonian Fluids)		
Auto Mode	Automatically selects appropriate rotor type and speed		
Temperature Display	/	(Standard temperature probe included) /	
Operating Interface Selection	Chinese/English		
Display Mode	LCD numerical display		
Stable Reading Indicator	Vertical bar cursor indicates reading stability when full bars are displayed (should be between 10%-90%, closer to 50% is optimal)		
Operating Environment	Temperature 5°C~35°C, relative humidity not exceeding 80%		
Product Weight	Approximately 6.8 kg		
Dimensions	370*325*280 mm		
Input Power	100~240V		