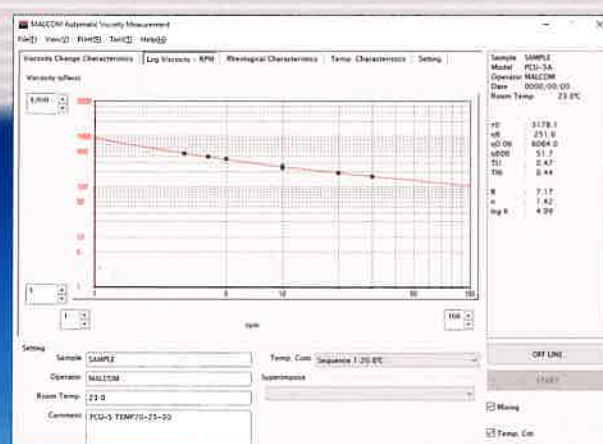


PC-11

SPIRAL VISCOMETER



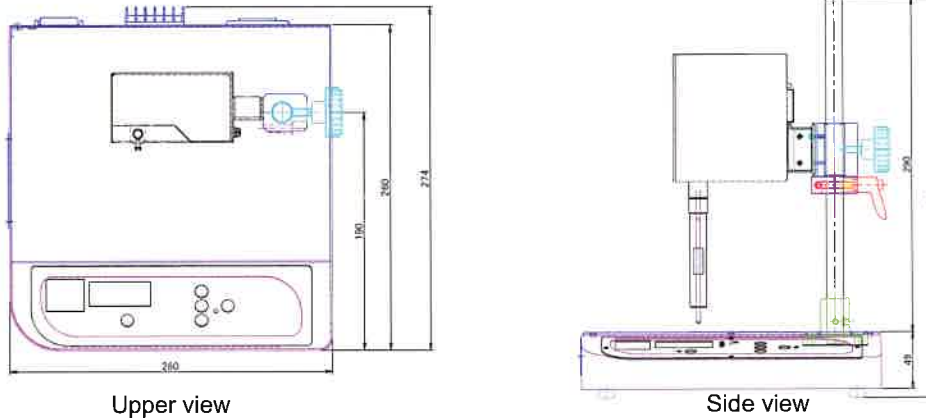
- Measures a Variety of Fluids having Low to High Viscosity
- Malcom's Unique Spiral Pump Sensor is employed, enables for continuous measurement of non-Newtonian fluid reproducibly
- Proprietary Software tests Flow Characteristic at ease

PC-11 Spiral Viscometer

Measures wide viscosity range, 20mPa.s~2000Pa.s

- Spiral pump sensors and system measure materials of high thixotropy reproducibly, making it possible to continuously measure the materials of the viscosity of which change by mixing.
(Shear rate & Shear time are constant)
- High Accuracy Measurement of LED materials and General electronic materials.
- The wide range measurement is possible by changing rotors type A, B & C.
- Automatic measurement & Data analysis with a proprietary software by USB communication. (option)
- Type AA, max. 2000Pa.s measurement is also available as special specifications.

Outer Dimensions



Specifications

Item	Specifications			
Rotor Type	AA	A	B	C
Viscosity Range	100~2000 (Pa.s)	5~800 (Pa.s)	0.2~20 (Pa.s)	20~2000 (mPa.s)
Speed Range (N)	3~20rpm	3~80rpm	10~80rpm	
	FIX: 10rpm		FIX: 40rpm	
Shear Rate (D)	0.6 x Ns ⁻¹		1.2 x Ns ⁻¹	4.8 x Ns ⁻¹
Min. Sample Amount	5cc		40cc	60cc
Measurement Accuracy	±5% of indicated value (100~800Pa.s) ±10% of indicated value (800~2000Pa.s)	±5% of indicated value		
Speed Accuracy	±2% (100~800Pa.s) ±4% (800~2000Pa.s)	±2%		
Temp. Measurement	0~500°C Resolution: 0.1°C Accuracy: ±0.5°C			
Rotor Material	SUS			
Digital Display	Viscosity, Temp. & rpm			
Digital Output	USB · RS232C (output only)			
Recorder Output	Viscosity & Temp.			
Calibration	JIS Z8809 Standard Fluid for Viscosity calibration, Silicon KF-96			
Power Supply	AC100~240V 50Hz/60Hz 5W			
Outer Dimensions	260 (D) x 260 (W) x 342 (H) mm			
Weight	Approx. 4.6kg (including Sensor part, approx. 0.6kg)			
Option	Calibration Fluid: Semi-standard calibration fluid KF96 100cc or 300cc Outer rotor: RO-1A, RO-1B, & RO-1C Inner rotor: RI-1A, RI-1B, & RI-1C * The standard set contains one type of rotor only, type A, B or C is included. Others are option.			

The specifications are subject to change without notice.



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