



Spiral Viscometer PCU-200 Series



Usage

- Rotational viscometer of co-axial double cylinder type by spiral pump method.

Product specification

Item	Specification		
Model Name	PCU-201	PCU-203	PCU-205
Sensor	Malcom Spiral Pump Type		
Measurement Range Pa · s	5Pa · s - 800Pa · s		
Speed Range N	1 - 50RPM		
Shear Rate D	(0.6 x N) s ⁻¹		
Measurement Accuracy	+/-5% of indicated value		

Speed Accuracy	+/-2% of set point		
Repeatability	+/-0.5%		
Temp. Control Range	Room temperature +/-5C (setting range 15~35C) with built-in heater unit		
Other Functions	Contact output, buzzer (In the case of the set viscosity value)		
Recorder Output	Viscosity: 1mV/Pa · s, Temperature: 10mV/C		
Printer Display	Temp, Visc, S.Rate, RPM, Date, Time		
Automatic Measurement	---	JIS Standard method	JIS plus On-line method*
Interface	---	---	RS-232C
Outer Dimension	275(W)×215(D)×465(H) (mm)		
Power Supply	AC100V~240V 50/60Hz 70VA		

* The measurement accuracy is guaranteed with the silicon oil by 10 rpm.

* The above specifications are subject to change without notice.

【On-Line Method】

Control, acquisition and computation of flow characteristics, thixotropic index, recovery ratio, fluid constant.

* Recorder Output and computer communication (RS-232C) cannot use at the same time.

* PCU-201 and PCU-203 do not have computer communication (RS-232C)