

Digital Viscometer



Digital Viscometer



Description

Adopts 16-bit microprocessor control circuit to directly display viscosity, speed, torque, rotor number and maximum measurable viscosity value, etc. Printer and RTD temperature probe are optional.

Apparatus to be equipped

Digital viscosity meter	1 pcs	Ascending and falling rack	1 set
Standard spindle	1 set	Power adapter	1 pcs
Protective frame of spindle	1 pcs	Spanner	1 pcs
Seat and leveling feet	1 set	RS232 standard output interface	1 pcs

Option

- Extreme low viscometer adapter (with one spindle L0)
- Small sample adapter (with spindle 21, 27, 28 and 29 each)
- Spindle L5
- Temperature-controlled heater (with spindle 21, 27, 28 and 29 each)
- RTD temperature probe
- Specially used printer

Specification

Model	VSC-1S	VSC-4S	VSC-5S	VSC-8S
Measuring Range (mPa·s)	20 ~ 100,000	20 ~ 2,000,000	20 ~ 100,000	20 ~ 2,000,000
Rotating Speed (RPM)	6、12、30、60	0.3、0.6、1.5、3、6、 12、30、60	6、12、30、60	0.3、0.6、1.5、3、6、 12、30、60
Number of Spindles	4 types(L1~L4)			
Accuracy	±5%(FS)(Newtonian Fluid)		±1%(FS)(Newtonian Fluid)	
Repeatability	±1%(FS)(Newtonian Fluid)		±0.5%(FS)(Newtonian Fluid)	
Power Supply	AC100~240V,50/60Hz			
LCD Screen Display	The LCD screen can display the viscosity, speed, torque, spindle and the maximum viscosity can be measured in the current spindle speed value.			
L0 Spindle is for Option Measured Range (mPa·s)	1~100	1~2000	1~100	1~2000
Shipping Size(WxDxH)(mm)	400x350x360			
G.W(kg)	9			

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Description

This VSC-N series digital viscometer is an upgraded product of the VSC-S series viscometer. It has a wider measurement range and a continuously variable speed throughout. The standard RTD temperature probe monitors the temperature of the measured sample in real time. The data collection analysis and drawing software which is optional can be used for data collection, storage, analysis and comparison.

Apparatus to be equipped

Digital viscosity meter	1 pcs	Ascending and falling rack	1 set
Standard spindle	1 set	Power adapter	1 pcs
Protective frame of spindle	1 pcs	Spanner	1 pcs
Seat and leveling feet	1 set	RS232 standard output interface	1 pcs
RTD temperature probe	1 pcs		

Option

- Extreme low viscometer adapter (with one spindle L0)
- Small sample adapter (with spindle 21, 27, 28 and 29 each)(Not For VSC-AIN)
- Spindle L5(Not For VSC-AIN)
- Temperature-controlled heater (with spindle 21, 27, 28 and 29 each)
- Special software that can complete the function in collecting the data automatically
- Specially used printer

Specification

Model	VSC-1N	VSC-2N	VSC-3N	VSC-AIN
Measuring Range(mPa·s)	20 ~ 600,000	12 ~ 6,000,000	160 ~ 80,000,000	50 ~ 10,000,000
Rotating Speed(RPM)	1 ~ 60	0.1 ~ 99.9	0.1 ~ 99.9	0.1 ~ 200
Number of Spindles	4 types(L1~L4)			4 types(21、27、28、29)
Accuracy	±1%(FS)(Newtonian Fluid)			
Repeatability	±0.5%(FS)(Newtonian Fluid)			
Readability	1.when viscosity is lower than 10.0 cp: 0.01 2.when viscosity is lower than 10000 cp: 0.1 3.when viscosity is equal or higher than 10000 cp: 1			
Power Supply	AC100~240V, 50/60Hz			
LCD screen display	The LCD screen can display the viscosity, speed, torque, spindle and the maximum viscosity can be measured in the current spindle speed value.			
L0 Spindle is for Option Measured Range(mPa·s)	1~600	0.6~6,000	6~60,000	3~60,000
Shipping size(WxDxH)(mm)	400x350x360			400x350x550
G.W(kg)	9			10.5