

Viscometer

Digital Viscometer BDV-S and BDV-N Series



Features:

BDV-S series digital viscometer:

- * Central control circuit: 16 bit MCU.
- * Gearless driving, LCD display.
- * Optional accessories: Printer(BDV-5S and BDV-8S) and RTD temperature probe(not including BDV-1S).

BDV-N series digital viscometer:

- * Measurement is more larger than BDV-S series.
- * Rotating speed is improved to non-polar shift.
- * RTD temperature probe can timely monitor the temperature of the sample.
- * Optional software: Data Collecting, Analysis and Plot Software(Only BDV-N series).

Technical Parameters:

Model	BDV-1S	BDV-9S	BDV-5S	BDV-8S	BDV-1N	BDV-2N	BDV-3N	BDV-4N
Measured Range (mPa·s)	1~100,000	1~6,000,000	20~100,000	20~2,000,000	20~600,000	12~6,000,000	160~80,000,000	50~10,000,000
Rotation Speed(rpm)	6, 12, 30, 60	0.1, 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	1~60	0.1~99.9	0.1~99.9	0.1~200
Number of Spindle	4 types(L1~L4)				4 types(L1~L4)			4 types (21.27.28.29)
Measurement Accuracy	±5%(FS) (Newtonian Fluid)	±3%(FS) (Newtonian Fluid)	±1%(FS)(Newtonian Fluid)					
Repeatability	±0.5%(FS)(Newtonian Fluid)							
Power Supply	AC100~240V, 50/60Hz							
Standard Accessory	/	/	RS232 standard output interface		RTD temperature probe, RS232 standard output interface			
Optional Accessory	/	RTD temperature probe	RTD temperature probe, Specially used printer		Specially used printer			
L0 Spindle is for Option Measured Range(mPa.s)	1~10		1~100	1~2000	1~600	0.6~6000	6~6000	3~6000
Package Size (W*D*H)	475*220*375mm		420*350*380mm					410*350 *560mm
Gross Weight	7.5kg		8.5kg					10.5kg