

**Digital Viscometer
BDV-S and BDV-N Series**



BDV-1S



BDV-9S



BDV-5S/8S



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.

Technical Parameters:

Model	BDV-1S	BDV-9S	BDV-5S	BDV-8S	BDV-1N	BDV-2N	BDV-3N	BDV-4N
Measured Range (mPa.s)	100~100,000	100~6,000,000	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	AC110/220V±10%, 50/60Hz							
Standard accessory	/	/	RS232 standard output interface		RTD temperature probe			
Optional accessory	/	RTD temperature probe	RTD temperature probe, Specially used printer		RS232 standard output interface,Specially used printer			
L0 Spindle is for Option Measured Range(mPa.s)	10~100	10~6000	1~100	1~2000	1~600	0.6~6000	6~6000	3~6000
Package Size (W*D*H)	470*400*230mm	470*395*245mm	400*350*360mm	400*350*360mm	400*350*360mm	400*350*360mm	400*350*360mm	400*350*550mm
Gross Weight	8.5kg	8.5kg	9kg	9kg	9kg	9kg	9kg	10.5kg