

Lab & Medical Equipment



Digital Viscometer & Accessories

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Viscometer

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)	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	AC 100~240V, 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)	1~10	1~10	1~100	1~2000	1~600	0.6~6000	6~6000	3~6000
Package Size (W*D*H)	460*390*230mm		400*350*360mm					400*350*550mm
Gross Weight	7.5kg		9kg					10.5kg

Digital Viscometer BDV Series

Features:

- * Central control circuit: 16 bit MCU.
- * RTD temperature probe can timely monitor the temperature of the sample.
- * LCD can display all information.
- * Optional software: DV Program Control Download Software & Data Collecting,Analysis and Plot Software.



Technical Parameters:

Series	BDV-1			BDV-2		
Model	BDV-1A	BDV-1B	BDV-1C	BDV-2A	BDV-2B	BDV-2C
Measured Range (mPa·s)	12~6M	80~40M	640~320M	6~6M	40~40M	320~320M
Rotation Speed(rpm)	0.1~99.9 non-polar shift			0.1~200 non-polar shift		
Number of Spindle	4 (L1~L4)	6 (R2~R7)	6 (R2~R7)	4 (L1~L4)	6 (R2~R7)	6 (R2~R7)
Measurement Accuracy	±1%(FS) (Newtonian Fluid)					
Repeatability	±0.5%(FS) (Newtonian Fluid)					
Power Supply	AC 100~240V, 50/60Hz					
Standard accessory	RS232 standard output interface,RTD temperature probe					
Optional accessory	Specially used printer					
L0 Spindle is for Option						
Measured Range (mPa·s)	0.6~6000	6~60000	50~500000	0.3~6000	3~60000	25~500000
R1 Spindle is for Option						
Measured Range (mPa·s)	/	20~100000	160~800000	/	10~100000	80~800000
Package Size(mm)	400*350*360	400*350*550	400*350*550	400*350*360	400*350*550	400*350*550
Gross Weight(kg)	9	10.5	10.5	9	10.5	10.5

Digital Viscometer BKU-1



Features:

- * LCD display
- * BKU-1 viscometer is specially applied to sample like paint, coating, etc.
- * Central control circuit: 16 bit MCU.
- * It can recyclingly show the units of KU, gm, and cP.

Technical Parameters:

Model	BKU-1
Measure Range	40~141KU 32~1099gm 27~5274cP
Measurement Accuracy	±1% (FS)(Newtonian Fluid)
Repeatability	±0.5%(FS)(Newtonian Fluid)
Rotation Speed	200rpm
Power Supply	AC 100~240V, 50/60Hz
Package Size(mm)	400*350*360
Gross Weight(kg)	10

Note: cP is for reference, not for calibration.