

HBDV-2 Digital Viscometer



Parameters

Measuring Range (mPas)	320~320,000,000
Rotating Speed (RPM)	0.1 ~ 200 (Stepless Gear)
Number of Spindles	Spindles (Code R2,R3,R4,R5,R6,R7) are equipped with the product
Accuracy	±1% full scale range in use
Repeatability	±0.5% full scale range in use
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	Power adapter ( input: 100-240V , 50/60Hz)
LCD screen display	The LCD screen can display the viscosity, speed, torque spindle, temperature, shear rate, shear force and the maximum viscosity can be measured in the current spindle speed value.

Apparatus to be equipped

- |                                    |       |
|------------------------------------|-------|
| 1. Digital viscosity meter         | 1 pee |
| 2. Ascending and falling rack      | 1 set |
| 3. Standard spindle                | 1 set |
| 4. Power adapter                   | 1 pee |
| 5. Protective frame of spindle     | 1 pee |
| 6. Spanner                         | 1 pee |
| 7. Seat and leveling feet          | 1 set |
| 8. RS232 standard output interface | 1 pee |
| 9. RTD temperature probe           | 1 pee |

Options

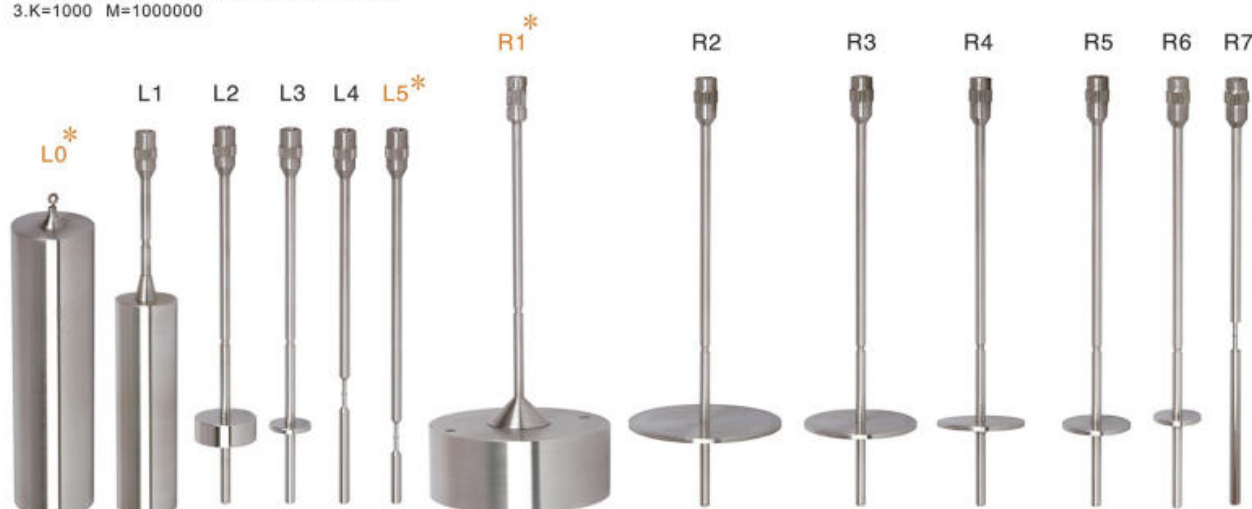
- Extreme low viscometer adapter (with one spindle L0)
- S mall sample adapter (with spindle 21, 27, 28 and 29 each)
- Temperature-controlled heater (with spindle 21, 27, 28 and 29 each)
- Spindle R1
- Special software that can complete the function in collecting the data automatically utomatically
- DV program control download software
- Specially used printer

Range (mPa.s) Rotor No. Model	L0 *	L1	L2	L3	L4	L5 *	R1 *	R2	R3	R4	R5	R6	R7	21	27	28	29
NDJ-5S	1~100	20~1K	100~5K	400~20K	2K~100K	4K~200K	—	—	—	—	—	—	—	17~833	83~4.2K	167~8.3K	333~16.7K
NDJ-8S	1~2K	20~20K	100~100K	400~400K	2K~2M	4K~4M	—	—	—	—	—	—	—	17~16.7K	83~83.3K	167~166.7K	333~333.3K
SNB-1	1~600	20~6K	100~30K	400~120K	2K~600K	4K~1.2M	—	—	—	—	—	—	—	17~5K	83~25K	167~50K	333~100K
SNB-2	0.6~6K	12~60K	60~300K	240~1.2M	1.2K~6M	2.4K~12M	—	—	—	—	—	—	—	10~50K	50~250K	100~500K	200~1M
SNB-3	6~60K	160~800K	800~4M	3.2K~16M	16K~80M	32K~160M	—	—	—	—	—	—	—	100~500K	500~2.5M	1K~5M	2K~10M
SNB-AI	3~60K	—	—	—	—	—	—	—	—	—	—	—	—	50~500K	250~2.5M	500~5M	1000~10M
LVDV-1	0.6~6K	12~60K	60~300K	240~1.2M	1.2K~6M	2.4K~12M	—	—	—	—	—	—	—	10~50K	50~250K	100~500K	200~1M
RVDV-1	6~60K	—	—	—	—	—	20~100K	80~400K	200~1M	400~2M	800~4M	2K~10M	8K~40M	100~500K	500~2.5M	1K~5M	2K~10M
HBDV-1	50~500K	—	—	—	—	—	160~800K	640~3.2M	1.6K~8M	3.2K~16M	6.4K~32M	16K~80M	64K~320M	800~4M	4K~20M	8K~40M	16K~80M
LVDV-2	0.3~6K	6~60K	30~300K	120~1.2M	600~6M	1.2K~12M	—	—	—	—	—	—	—	5~50K	25~250K	50~500K	100~1M
RVDV-2	3~60K	—	—	—	—	—	10~100K	40~400K	100~1M	200~2M	400~4M	1K~10M	4K~40M	50~500K	250~2.5M	500~5M	1K~10M
HBDV-2	25~500K	—	—	—	—	—	80~800K	320~3.2M	800~8M	1.6K~16M	3.2K~32M	8K~80M	32K~320M	400~4M	2K~20M	4K~40M	8K~80M

- 打\*转子为选配件；
  - 21、27、28、29号转子为选配少量样品适配器；温控加热器的标准配置；
  - K=1000 M=1000000
- 1.Spindles with mark \* are optional  
2.The No. 21, 27, 28 and 29 Spindles are equipped with small sample adapter which is optional;  
temperature-controlled heaters are standard.  
3.K=1000 M=1000000

## 转子

## Spindles



NDJ/SNB/LVDV标准配置L1~L4转子  
L1~L4 Spindles are standard for NDJ / SNB / LVDV



RVDV/HBDV标准配置R2~R7转子  
L0/L5/R1转子可选配件  
R2~R7 Spindles are standard for RVDV/HBDV.  
L0/L5/R1 Spindles are optional.