Detailed technical parameters:

Model	RVDV-1	HADV-1	HBDV-1
Show	liquid crystal display		
Speed(r/min)	0.3–100； 37RPM		
measuring range	R2-R7： 100 - 13M URL: 6.4 - 1K 21#： 50-167K 27#： 250-834K 28#： 500-1.7M 29#:1K-3.3M	R2-R7： 200 – 26M URL: 12.8 - 1K 21#： 100-333K 27#； 500-1.7K 28#： 1K-3.3M 29#:2K-6.6M	R2-R7： 800 - 104M URL: 51.2 - 2K 21#： 400-1.3M 27#； 2K-6.7M 28#： 4K-13.3M 29#:8K-26.6M
	K = 1000; M = 1000000		
Sample dosage	R2 - R7 (6, standard), R1 (optional) Enhanced Ultra-Low Viscosity Adapter ULR (optional) Small number of sample adapters (rotor # 21,27,28,29) (optional)		
measurement error	R1-R7th rotor: 500ml, ULR: range 1-1000,21ml 21#:7.8ml 27#:11.3ml 28#:12.6ml 29#:11.5ml		
repetitive error	±1% (Newtonian liquid)		
Showing the shear response / shear rate	±0.5% (Newtonian liquid)		
Timed function	standard configuration		
measurement error	standard configuration		
Temperature measurement function	Standard temperature probe interface (optional temperature probe is required)		
Automatic scanning function	Automatically scan and recommend a preferential combination of the rotor and the rotational speed		
Maximum measurement range	Automatically displays the measurable viscosity range of the selected rotor and speed		
Print function	Data and curve printable (standard printing interface, printer)		
data output interface	Two USB interfaces to printer and computer		
Thermostatic parts	Options (including special thermostatic slot for various viscosity meters, constant temperature cup)		
working power supply	110V/60Hz or 220V/50Hz)		
outline dimension	300 × 300 × 450 (mm)		

Model	RVDV-2	HADV-2	HBDV-2
Show	liquid crystal display		
Speed(r/min)	0.1-200, 58 RPM		
Measuring range	R2-R7：100 - 40M URL: 3.2 - 1K 21#：25-500K 27#：125-2.5M 28#：250-5M 29#: 500-10M	R2-R7：200 – 80M URL: 6.4 - 1K 21#：50-1M 27#：250-5M 28#：500-10M 29#: 1K-20M	R2-R7：800 - 320M URL: 25.6 - 2K 21#：200-4M 27#：1K-20M 28#：2K-40M 29#： 4K-80M
	K = 1000; M = 1000000		
Sample dosage	R2- R7 (6, standard), R1 (optional) Enhanced Ultra-Low Viscosity Adapter ULR (optional) Small number of sample adapters (rotor # 21,27,28,29) (optional)		
Measurement error	R1-R7th rotor: 500ml, ULR: range 1-1000,21ml 21#:7.8ml 27#:11.3ml 28#:12.6ml 29#:11.5ml		
Repetitive error	±1% (Newtonian liquid)		
Showing the shear response / shear rate	±0.5% (Newtonian liquid)		
Timed function	standard configuration		
Measurement error	standard configuration		
Temperature measurement function	Standard temperature probe interface (optional temperature probe is required)		
Automatic scanning function	Automatically scan and recommend a preferential combination of the rotor and the rotational speed		
Maximum measurement range	Automatically displays the measurable viscosity range of the selected rotor and speed		
Print function	Data and curve printable (standard printing interface, printer)		
Data output interface	Two USB interfaces to printer and computer		
Thermostatic parts	Options (including special thermostatic slot for various viscosity meters, constant temperature cup)		
Working power supply	110V/60Hz or 220V/50Hz)		
Outline dimension	300 × 300 × 450 (mm)		

Left to right: R1-R7 rotor

option:

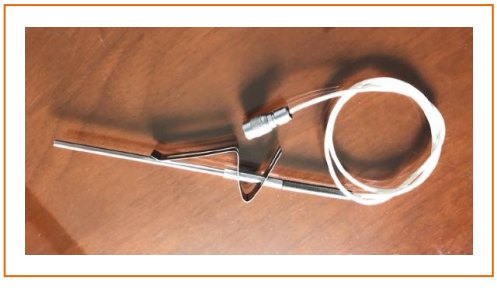
1. R1# rotor

If the specimen viscosity is below the lower limit of the measurement range of each model, the optional R1 rotor is required

2. Enhanced ultra-low viscosity Adapter (ULR / ULR PLUS)

Designed for low-viscosity fluid measurement, there are sandwich and non-sandwich sizes, with a minimum detection limit of 1cP, depending on the type of vissity gauge used

3. Small number of sample adapters
(rotor # 21,27,28,29)



4. Temperature probe (temperature sensor)

A Pt100 platinum resistance was used

Temperature measurement range: 20,300℃

Measurement accuracy: 0.1℃

5. Micro-thermal printer

Can be directly connected to the viscometer

print data

Print the curve

6. Special constant temperature bath for the vissimeter

DC0506W：

Temperature control range: -5 to 100℃

Temperature control accuracy: 0.1℃

Equipped with stainless steel partition, can use ordinary

A 400 / 500ml Beaker

The constant temperature slot also has the external circulation function, which can be connected to the constant temperature cup

7. Temperature control device and heating furnace

High temperature molten samples such as polyethylene wax measuring low viscosity can be used with rotor 0.

It can also be used with the rotor 21,27,28,29 to measure the high viscosity of asphalt, hot melt glue, rosin, paraffin, etc

Sample: