

## SKZ1037C/D Digital Viscometer



The viscometer is used to measure the absolute viscosity of Newtonian fluid and non-Newtonian fluids the apparent viscosity, a measure of sensitivity, the test results are reliable, easy to operate, nice shape, can be widely used for oil, paint, plastics, pharmaceuticals, paints, adhesives, detergents, and other fluid viscosity measurements.

### **Features:**

1. Advanced mechanical design technology, manufacturing technology and microcomputer control technology, accurate data acquisition
2. High subdivision drive stepper motor rotation smooth and precise. Choose white backlit display, high brightness LCD display, the data show clearly
3. Can display viscosity, speed, sample liquid temperature, percent, rotor number, and the selection of the rotor speed can be measured current maximum range value
4. Power supply with 12V adapter anti-interference ability; design of dedicated printer port for printing out the measurement results
5. Can be preset speed of 4 files, 8 files, and 18 file, also can be stepless, to meet the different ranges of measurement requirements,

6. In addition to the normal standard rotor (1 #, 2 #, 3 #, 4 #), but also according to customer demand matching low viscosity adapter (0 # rotor) and a small sample adapter (21 #, 27 #, 28 #, 29 # rotor)

7. Exceeds range of the upper and lower limits with alarms or digital flashing prompts. Both to protect the instrument from damage but also because of timely adjustment of the rotor or speed saves measurement time.

8. Standard sample temperature sensor real-time monitoring to ensure the accuracy of measurement, measurement temperature range 0-200 °C, measurement accuracy  $\pm 0.1$  °C.

### Parameter

Model	SKZ1037C	SKZ1037D
Measurement range ( mPa.s )	10 ~ 10×10 <sup>4</sup>	10 ~ 2×10 <sup>6</sup>
Rotor speed ( r/min )	6/12/30/60	0.3/0.6/1.5/ 3/6/12/30/60
Rotor Specifications	1#2#3#4#	1#2#3#4#
Measurement error (F.S)	±1%	±1%
Repeatability	±0.5%	±0.5%
Optional printer printout	No	optional printer
PC communication interface	no	no
Power Supply	AC(220±10%)V (50±10% )Hz	AC(220±10%)V (50±10% )Hz
Ambient temperature	5°C ~ 35°C	5°C ~ 35°C
Relative humidity	less than 80%	less than 80%
Optional accessories	0 # rotor(low viscosity adapter) Small sample adapter Bath temperature Glass cup double circulating bath	0 # rotor(low viscosity adapter) Small sample adapter Bath temperature Glass cup double circulating bath