

AWD-12 Pour Point Tester ASTM D97

AWD-12 pour point tester is designed and manufactured in accordance with the national standard GB/T3535 and ASTM D97 standard of the American Society for Testing and Materials. This instrument is suitable for the determination of the pour point of petroleum and petroleum products in this standard.

The sample was pre-heated in the test tube and cooled at a specified rate. The fluidity of the sample was checked every 3°C. Record the lowest temperature at which the specimen can flow as the pour point.

AWD-12 pour point tester is a low-temperature instrument for two-bath ,four-hole, upper and lower rows, and integrated compressor refrigeration, which can hold 4 test tubes at the same time.

Appearance Structure:

- AWD-12 pour point tester is upper and lower rows, and integrated compressor refrigeration. It is mainly composed of refrigeration system and cold bath temperature control system.
- The refrigeration system is a fully enclosed and overlapping compressor unit, which is assembled by the mature refrigeration technology of our factory, with low energy consumption and long service life. Refrigeration system mainly includes compressor, condenser, evaporative condenser, throttling capillary and evaporator.
- The cold bath temperature control system adopts digital temperature control meter to control the temperature of constant temperature bath. The digital temperature control meter can intuitively display the set temperature and the actual temperature, and it is easy to set the temperature and correct the temperature difference.



Technical Parameters:

Tech Indicator		
1	Power	AC220V±10% 50Hz (Can be changed to your country request)
2	Host Plug Type	16A, Three Holes
3	Input Power	< 1250W
4	Temperature Sensor	Industrial platinum resistor, its indexing number is Pt100
5	Temperature Display Mode	LED Digital Display
6	Range of Controlled Temperature	Room Temperature~-69℃
7	Accuracy	±0.5℃
8	Time Display Mode	LED Digital Display
9	Timing Range	0 ~ 99.99 Hours
10	Test Hole	4 Holes of 2 Baths
11	Secondary Refrigerant	95% Ethanol
12	Bath Volume	3.2 L x 2 Baths
Operating Conditions		
1	Work Environment	No dust, No corrosive gas, No strong magnetic field interference
2	Working Power Supply	AC220V±10% 50Hz 16A
3	Environment Temperature	10 ~ 35℃
4	Relative Humidity	≤85%
Appearance Parameter		
1	Overall Dimensions	470X470X920mm
2	Main Engine Net Weight	80Kg