

AUTOMATIC RING AND BALL TESTER SYD-2806G

It is suitable for determining the softening point of road petroleum asphalt, polymer modified asphalt, liquid petroleum pitch, coal pitch distillation residue, emulsified pitch evaporation residue, marking coatings, and some resin products. It is the ideal instrument for asphalt manufacturing companies, highway and bridge construction companies, relative college and universities, and scientific research institutes.

FEATURES

- ⊙ The water bath test at 5~90 °C can be selected, and the glycerol test at 35~+160 °C can also be performed;
- ⊙ Adopt microcomputer control, automatic stirring, linear heating, and the heating rate maintains the standard requirement of 5 °C/min;
- ⊙ A laser beam sensor is used to automatically detect the softening point value of asphalt softening 25.4mm. After the test is completed, the test results are automatically displayed and printed;
- ⊙ The heating rate is automatically recorded, and the heating record per minute can be queried through the query function;
- ⊙ Adopt 7-inch LCD touch screen, Chinese and English bilingual operating system;
- ⊙ The beaker is made of high temperature resistant glass, and the specifications and dimensions of the steel ball positioning ring and steel ball meet the standard requirements;
- ⊙ Small desktop structure, the control system and the heating system are separated (one left and one right), which avoids the failure of the electronic components caused by the high temperature test of the heating system.

TECHNICAL SPECIFICATIONS

Power supply	AC(220±10%)V, 50Hz
Temperature resolution	0.1 °C
Measuring range	When the sample softening point ≤80 °C : 20 °C~90 °C, use distilled water for heating medium When the sample softening point >80 °C : 70 °C~160 °C, use glycerin as a heating medium
Heating rate	After three minutes of the beginning of the test, automatically adjust to 5 ± 0.5 °C/min
Heating power	650W
Medium stirring	Magnetic stirring, stirring speed 0-300 r/min, stepless speed adjustment
Effective volume of beaker	1000ml
Display	LCD touch screen
Communication interface	RS-232C
Applicable ambient temperature	15 °C ~ 35 °C
Relative humidity	≤85%
Power	<700W
Dimensions	420mm×270mm×370mm
Weight	12kg

