

AUTOMATIC RING AND BALL TESTER SYD-2806H

STANDARD: ASTM D36

It is used to determine softening point of petroleum asphalt, coal pitch, liquid petroleum asphalt, and various of asphalts. It can be widely used for asphalt manufacturing companies, highway and bridge construction companies, relative colleges and universities, and scientific research institutes.

FEATURES

- ⊙ The heating rate is controlled by a single chip microcomputer at $5 \pm 0.5^\circ\text{C}/\text{min}$.
- ⊙ With magnetic stirring, the stirring speed can be adjusted continuously.
- ⊙ Equipped with a laser falling ball receiving module for automatic detection and recording of test data.
- ⊙ Four asphalt samples can be tested at the same time without affecting each other, or only two-sample test can be selected according to needs.
- ⊙ With a micro-printer to print test results and heating rate.



TECHNICAL SPECIFICATIONS

Heating power	0.6kw
Steel ball weight	$3.5 \pm 0.05\text{g}$
Heating range	$0 \sim 90^\circ\text{C}$ (water) $32 \sim 180^\circ\text{C}$ (glycerin)
Heating rate	$5 \pm 0.5^\circ\text{C}/\text{min}$
Temperature resolution	0.1°C
Steel ball diameter	9.53mm
Drop height	25.4mm
Magnetic stirring speed	$0 \sim 1400\text{rpm}$
Test position	4
Power supply	AC(220 \pm 10%)V
Frequency	50Hz
Dimensions	296 \times 339 \times 483mm
Working conditions	Ambient temperature $5 \sim 35^\circ\text{C}$, relative humidity $\leq 85\%$

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