Automatic Softening Point Tester

Applications:

Suitable for testing the softening point of petroleum asphalt, coal pitch, liquid asphalt and others. Widely used in asphalt manufacturers, highway & bridge firms, colleges and research institutes.

Features:

∗ Uses 32-bit ARM processor, color touch LCD & laser detection, with uniform medium temperature, stable heating rate, auto softening point detection, and excellent test repeatability.

∗ Advanced algorithm filters bubble impact on test results during medium heating.

∗ Software-selectable media: water (20-90℃) and glycerol (70-160℃).

∗ Dual-sample simultaneous testing, auto softening point analysis with temp-rise curve & average calculation, reliable results.

∗ Stepless magnetic stirrer for real-time speed adjustment, ensuring bath temperature uniformity.

∗ Software temperature correction + high-precision mercury thermometer for regular self- calibration, consistent display and measurement.

Technical Parameters:

Model		BK-SPT2806G-1
Capacity of Beaker		1000ml
Measurement Range		5 ℃~80℃(softening point≦80℃) 32℃~160℃(softening point>80℃)
Temperature Resolution		0.1℃
Heating Mode		Bottom electric hotplate heating
Heating Rate	Water Medium	Auto-adjusts to(5±0.5)℃/min 3 mins post-experiment start
	Oil Medium	Auto-adjusts to(5±0.5)℃/min after reaching 60℃
Stirrer		Electromagnetic stirring: continuously adjustable speed
Data Display		Built-in industrial PC LCD display
Data Export		USB, high-precision mercury thermometer
Ambient Temperature		15℃~35℃
Relative Humidity		≤85%
Consumption		1500W
Power Supply		AC220±10%V, 50Hz
External Size(W*H*D)		240*400*400mm
Package Size(W*H*D)		660*455*480mm
Net Weight		15kg
Gross Weight		25kg