

AUTOMATIC BITUMEN BREAKING POINT TEST APPARATUS SYD-0613A

The automatic bitumen breaking point test apparatus SYD-0613A provides a measure of the brittleness of bitumen and bituminous binders at low temperatures. It uses compressor refrigeration and air cooling, the cracks in the steel plaque are detected by a high-voltage detector, and the microcomputer controls the micromotor to drive the steel plaque to bend. It automatically controls the detection time, automatically stops cooling after detection, and locks the breaking point temperature.

FEATURES

- ⊙ It adopts LCD touch screen and is easy to operate.
- ⊙ Using compressor for refrigeration, the cold bath is small in size and low in noise.
- ⊙ A single-chip microcomputer is used to control the cooling rate, automatically detect the breaking point, and lock the temperature.
- ⊙ Equipped with observation window, double-layer vacuum glass without frost.
- ⊙ The motor adjusts the bender to run up and down, moving smoothly and lightly.
- ⊙ Equipped with preheating device, it can work continuously and shorten the waiting time.



TECHNICAL SPECIFICATIONS

Detection method	High-voltage detection, microcomputer control		
Cooling rate	1℃/min	Bending time	12±1s
Interval time	60s	Ambient temperature	5~30℃
Relative humidity	≤85%	Rated power	0.5kW
Power supply	220V	Dimensions	645×480×550 mm