

PST-60HL, PST-60HL-4 and PST-100HL Plate Shaker-Thermostats

Plate Shaker-Thermostats are designed for shaking and thermostating 1–4 standard 96-well microplates.

A multisystem principle, used in design of the shaker-thermostat, allows operating it as 3 independent devices:

- Incubator;
- Microplate shaker;
- Shaker-Thermostat.

A distinctive feature of *Biosan* Plate Shaker-Thermostats is the patented by the company **Two-Sided Heating of Microtest Plates**, which allows achieving exact correspondence of the set and actual temperature in wells of the microtest plates.

Plate Shaker-Thermostat provides:

Gentle or vigorous shaking of samples

Regulation, stabilisation and indication of rotation speed

Even rotation amplitude throughout the Thermo-Shaker platform

Setting and indication of the required operation time

Automatic stop of the platform motion after expiration of the set time

Setting and indication of the required temperature on the platform

Application fields:

Cytochemistry — for in situ reactions

Immunochemistry — for immunofermentative reactions

Biochemistry — for enzyme and protein analysis

Molecular biology — for micro array analysis

Catalogue number:

PST-60HL BS-010119-AAI

PST-60HL-4 BS-010128-AAI

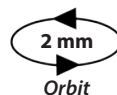
PST-100HL BS-010142-AAI

Unit for higher plates can be produced on request.

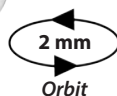
PST-60HL



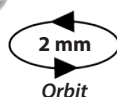
Product video is available
on the website



PST-60HL-4



PST-100HL



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Specifications			
Model	PST-60HL	PST-60HL-4	PST-100HL
Temperature setting range	+25°C ... +60°C		+25°C ... +100°C
Temperature control range	+5°C above ambient ... +60°C		+5°C above ambient ... +100°C
Setting resolution	0.1°C		
Stability	±0.1°C		
Uniformity @ +37°C	±0.2°C		
Orbit diameter	2 mm		
Speed regulation range	250–1200 rpm (increment 10 rpm)		
Independent timer with sound alarm	1 min–96 hrs (increment 1 min)		
Display	LCD, 16 × 2 signs		
Max. height of microtest plate	18 mm		
Number of microtest plates	2	4	2
Weight, not more	7 kg	9 kg	6.5 kg
Platform dimensions (W × D)	250 × 150 mm	290 × 210 mm	250 × 150 mm
Overall dimensions (W × D × H)	270 × 260 × 125 mm	390 × 390 × 140 mm	270 × 260 × 125 mm
Heating power	40 W	50 W	60 W
Input current/power consumption	12V DC, 3.3 A / 40W	12V DC, 4.15 A / 50W	12V, 5 A / 60W
External power supply	Input AC 100-240 V 50/60Hz, Output DC 12V		

Heat up time PST-60HL and PST-60HL-4



Heat up time PST-100HL



PST-60HL-4



PST-60HL

