

## PST-60HL, PST-60HL-4 and PST-100HL Plate Thermo-Shakers



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

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

- Incubator;
- Microplate shaker;
- Thermo-Shaker.

A distinctive feature of *Biosan* Plate Thermo-Shakers is the patented by the company **Two-Side Microplates Heating**, which allows to achieve full correspondence of the set and actual temperature in the microplate wells.

### Plate Shaker-Thermostat provides:

- Soft or intensive sample shaking
- Rotation speed regulation, stabilization and indication
- Even rotation amplitude throughout the Thermo-Shaker platform
- Required operation time setting and indication
- Automatic stopping of the platform movement 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:

<b>PST-60HL</b>	BS-010119-AAI
<b>PST-60HL-4</b>	BS-010128-AAI
<b>PST-100HL</b>	BS-010142-AAI

PST-60HL



Product video is available on the website



PST-60HL-4



PST-100HL



## PST-60HL, PST-60HL-4 and PST-100HL Plate Thermo-Shakers

Specifications	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
Temperature setting resolution	0.1°C		
Temperature stability	±0.1°C		
Temperature uniformity @ +37°C	±0.25°C	±0.25°C	±0.2°C
Orbit	2 mm		
Speed regulation range	250–1,200 rpm (increment 10 rpm)		
Digital time setting	1 min–96 hrs / non-stop (increment 1 min)		
Display	LCD, 16 × 2 signs		
Max. height of microtest plate	18 mm		
Number of microtest plates	2	4	2
Weight	6.1 kg	8.8 kg	5.9 kg
Platform dimensions (W×D)	250×150 mm	210×290 mm	250×150 mm
Overall dimensions (W×D×H)	270×260×125 mm	380×390×140 mm	270×260×125 mm
Input current/power consumption	12V DC, 3,3 A / 40 W	12V DC, 4.15 A / 50 W	12V, 5 A / 60 W
External power supply	Input AC 100–240 V 50/60 Hz, Output DC 12 V		

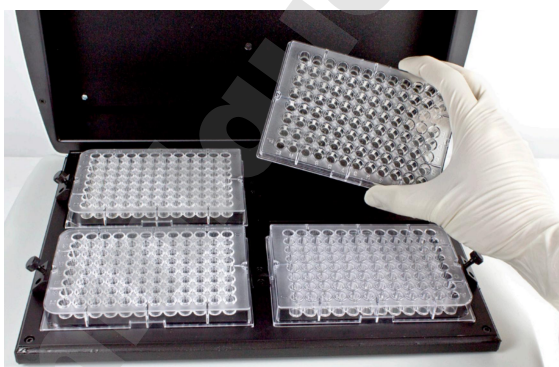
### Heat up time PST-60HL and PST-60HL-4



### Heat up time PST-100HL



PST-60HL-4



PST-60HL

