

Digital Thermal Shaker



DTS-4

Are incredibly accurate and reliable thermostats, accommodating 2 or 4 microplates. Its hermetic aluminum container and digital platform sensors, combined with a bi-directional heating system housed within the lid and platform, ensure an amazingly smooth temperature gradient and precise heating of all samples.

Digital thermostatic shaker DTS-4

4 Immune Plates

With the ability to accommodate either 4 microplates simultaneously, the DTS-4 enable a considerable increase in processed volume. These high-precision space-savers free up valuable lab space while still ensuring a superior level of performance.

1.5 mm Rotational Orbit

The DTS series features an ideal rotational orbit of 1.5 mm for maximum performance, and works conveniently with any standard microplate.

Bi-Directional Heating System

The hermetic thermostatic container of each unit is equipped with a bi-directional heating system housed within both the base and the lid. Impervious to room temperature, this component allows the entire volume to be heated uniformly while eliminating condensation at the same time. The result – pinpoint accuracy and reliability with even micro-volume samples.

Simultaneous Display Of All Adjustable Parameters

With a user-friendly display panel showing temperature, RPM, and timer settings separately, technicians can adjust these criteria with ease.

Autonomous Memory For Storing User Settings

Operate the DTS-4 with confidence, knowing that in the event of power outage or disconnection from power supply, these units will independently store all user settings.

Guaranteed For Robust, Durable Operation

Equipped with an anti-vibration system, and durably designed for daily hard duty and long life, these digital thermostatic shakers will be a valuable asset and dependable partner in your lab.

Digital thermostat DTS-4

- ▶ Bi-directional heating system
- ▶ 2 microplate capacity
- ▶ 2 independent digital timers
- ▶ Sound notification when timed program is complete
- ▶ Option of Celsius or Fahrenheit scale
- ▶ User-friendly interface

TECHNICAL SPECIFICATIONS

Temperature can be set in °C or °F

		DTS-4
Maximum number of microplates on the platform		4
Supported microplate dimensions	mm	86 x128 x 20
Temperature range:	°C	ambient +3 up to 60
Temperature control accuracy	°C	0,1
Platform rotation type		orbital
Platform rotation orbit	mm	1.5
Platform rotation speed	RPM	100 - 1300
Timer		continuos / 1min - 999min
Ambient temperature range	°C	from +4 to + 40
Relative atmospheric moisture at 20°C	%	max 80
Power supply		100-240V; 50/60Hz
Power consumption	W	140
External dimensions (length x width x height)	mm	370 x 335 x 125
Weight	Kg	9