

Digital Thermostatic Shakers for Microplates DTS 2, DTS-4



DTS-4
for 4 microtiterplates



DTS-2
for 2 microtiterplates



Display DTS-Series

Description

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. Two models available: **DTS-2** for two microplates and **DTS-4** for four microplates.

2 or 4 Plates

With the capacity of two or four microplates, more samples can be processed simultaneously with the DTS series.

2 mm Rotational Orbit

For maximum performance, the DTS series offers an ideal rotation orbit of 2 mm and is suitable for all standard microplates.

Bi-Directional Heating System

Each unit is equipped with a bi-directional heating system, which is housed in both the base and the lid. The hermetically sealed system allows uniform heating of the entire volume and prevents condensation inside. The result: precision and reliability even with micro-volume samples.

Simultaneous Display Of All Adjustable Parameters

The user-friendly display shows temperature, speed and timer settings separately. This also allows a comfortable setting of the parameters.

Autonomous Memory For User Settings

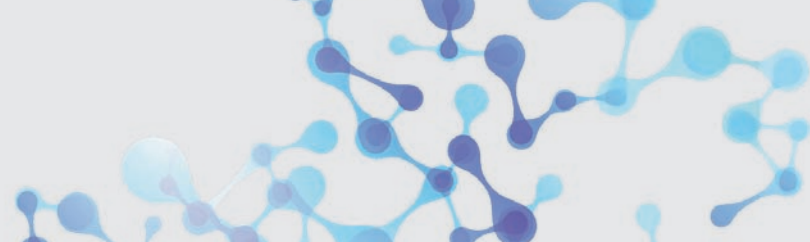
In the event of a power failure or when the devices are disconnected from the power supply, they automatically save all user settings.

Guaranteed For Robust, Durable Operation

Designed for robust and durable operation. Equipped with an anti-vibration system, these thermoshakers are designed for permanent and daily use.

Benefits

- Suitable for all standard microplates
- Optimized rotation movement for intensive mixing of the samples
- Simultaneous display of all settings and set parameters
- Maximum performance with minimum size
- Particularly easy operation
- Maintenance-free



Digital Thermostatic Shakers

DTS 2, DTS-4

Technical Data

Model	DTS-2	DTS-4
Maximum number of microplates:	2	4
Supported microplate dimensions:	86 x 128 x 20 mm	86 x 128 x 20 mm
Temperature range:	ambient +3 up to 60°C	ambient +3 up to 60°C
Temperature control accuracy:	± 0.5°C	± 0.5°C
Platform rotation orbit:	20 mm orbital	20 mm orbital
Timer:	1 – 6000 min	1 – 6000 min
Platform rotation speed:	100-1300 RPM stepless	100-1300 RPM stepless
Ambient temperature range:	from +10 to +45°C	from 10 to +45°C
Relative atmospheric moisture at 20°C:	max. 80 %	max. 80 %
Dimensions (L x W x H):	305 x 280 x 120 mm	370 x 335 x 120 mm
Weight:	6.1 kg	8.9 kg
Part number:	105.2012	105.2011