

Orbital Thermo Shaker DTS Series



DTS-4
for 4 microplates



DTS 4 for 4 microplates



Display DTS series

Description

High-precision shaking incubators with particularly clear operability. Airtight aluminium housings and digital plate sensors, combined with a bi-directional heating system in the lid and platform, ensure absolute accuracy and temperature uniformity in every microplate recess.

Two models:

DTS-2 for two microplates

DTS-4 for four microplates

Benefits

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

Specifications

- **2 mm rotation movement**
For maximum performance, the DTS series offers an ideal rotation path of 2 mm and is suitable for all standard microplates.
- **Bi-directional heating system**
Each unit is equipped with a bi-directional heating system housed in both the base and the lid. The hermetically sealed system allows uniform heating of the entire volume and avoids 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 enables convenient setting of the parameters.
- **Autonomous memory for user settings**
In the event of a power failure or if the units are disconnected from the power supply, they automatically save all user settings.
- **Designed for robust and long-lasting operation**
Equipped with an anti-vibration system, these thermoshakers are designed for durable and daily use.

Thermoshaker for Plates DTS Series



Technical Data

Model	DTS-2	DTS-4
Figure		
Order No.	105.2012	105.2011
Possible number of microtitre plates	for 2 plates	for 4 plates
Supported microplate sizes	86 x 128 x 20 mm	86 x 128 x 20 mm
Temperature range	ambient +3°C up to 60°C	ambient +3°C up to 60°C
Temperature accuracy	± 0.1°C	± 0.1°C
Shaking amplitude	2 mm orbital	2 mm orbital
Timer	1 – 6000 min	1 – 6000 min
Rotation speed	100 – 1300 rpm, stepless	100 – 1300 rpm, stepless
Ambient temperature	+10 up to +45°C	+10 up to +45°C
Rel. humidity (at 20 °C)	max. 80 %	max. 80 %
Power supply	100 – 240 V; 50/60 Hz	100 – 240 V; 50/60 Hz
Power	140 W	140 W
Dimensions (W x D x H)	305 x 280 x 120 mm	370 x 335 x 120 mm
Weight	6.5 kg	9.1 kg