



elmi Ltd.
laboratory equipment

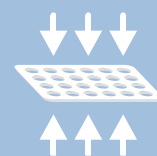
DIGITAL THERMOSTATIC SHAKERS

DTS-2 & DTS-4

FOR 2 & 4 MICROPLATES.



2&4 



**BI-DIRECTIONAL
HEATING OF THE
WHOLE VOLUME.**

FEATURES



2 or 4 IMMUNEPLATES

Allowing to use simultaneously 2 or 4 microplates, digital thermostatic shakers DTS-x gives a beautiful increase in processed volume, while saving the lab's space and keeping the quality and performance on the highest level.



1.5 mm ROTATION ORBIT.

Optimally chosen orbit of rotation gives an exceptionally good performance while working with any kind of standard microplate.



BI-DIRECTIONAL HEATING SYSTEM.

The hermetic thermostatic container of the digital thermostatic shakers DTS-x is equipped with a bi-directional heating system with heaters in the platform and in the lead heating the whole volume uniformly. This insures undependability of the room temperature, excellent temperature uniformity across the plates and eliminates any condensation, giving only the best results even if micro-volumes of samples are used.



SIMULTANEOUS DISPLAY OF ALL THE ADJUSTMENTS AND PARAMETERS.

By having a separate display for each adjustable parameter, digital thermostatic shakers DTS-x make it amazingly simple to control Time, Temperature and RPM settings, giving maximal comfort and flexibility.



AUTONOMOUS MEMORY FOR STORING USER SETTINGS.

Even if the machine is unplugged from the power supply, all the user settings will remain in the energy-independent memory, adding extra protection and user comfort.



TECHNICALLY GUARANTEED ABILITY FOR ROBUST DURABLE OPERATION.

All the elements of the Digital Thermostatic Shakers DTS-x are specially designed for daily hard-duty, long-lasting operation, that makes it a reliable partner in the lab.

DIGITAL THERMOSTAT MT-2



MT-2 is great accuracy thermostat for 2x different micro-plates.
Advanced double heating system which insures heating from the lead and from the platform together with the hermitic aluminum container and digital platinum sensors allow to achieve incredible heating accuracy.

FEATURES

- Bi-dirrectional heating system
- 2 microplates capacity
- Two independent digital timers
- Alarm signal indication timer programs' end
- Celsius / Fahrenheit temperature management

BENEFITS

Specially designed bi-directional heating system and user friendly controls integrates the device perfectly into various analytical laboratory applications.

TECHNICAL SPECIFICATIONS

		DTS-2	DTS-4	MT-2
Maximal number of microplates on the platform.		2	4	2
Standard supported microplates dimensions	mm	86 x 128 x 15	86 x 128 x 15	86 x 128 x 15
Temperature range:	°C	ambient +5 to 60	ambient +5 to 60	ambient +5 to 60
Temperature control accuracy	°C	0,1	0,1	0,1
Platform rotation type		orbital	orbital	—
Platform rotation orbit	mm	1.5	1.5	—
Platform rotation speed	RPM	100 - 1300	100 - 1300	—
Timmer		continuos / 1min - 999min	continuos / 1min - 999min	continuos / 1min - 999min
Ambient temperature range	°C	from +4 to + 40	from +4 to + 40	from +4 to + 40
Relative atmosphere moisture at 20 °C	%	max 80	max 80	max 80
Power suply		220V; 50/60Hz	220V; 50/60Hz	220V; 50/60Hz
Power consumption (at maximal speed)	W	max 90	max 125	max 75
External dimensions (length x width x height)	mm	347 x 275 x 115	420 x 310 x 115	347 x 275 x 115
Weight	Kg	6.2	7.8	5.3

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