



elmi Ltd.
laboratory equipment

Digital thermostatic shaker DTS-2 and DTS-4

Two optional scales: Celsius/Farenheit.

Bi-directional heating.



Anti-vibration system

FEATURES



2 or 4 IMMUNEPLATES

Allowing to use simultaneously 2 or 4 microplates, digital thermostatic shaker DTS 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-DIRRECTIONAL HEATING SYSTEM.

The hermetic thermostatic container of the digital thermostatic shakers DTS is equipped with a bi-directional heating system with heaters in the platform and in the lid 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 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 are specially designed for daily hard-duty, long-lasting operation, that makes it a reliable partner in the lab.

Digital thermostat MT-2

Smooth temperature gradient.

Brilliant accuracy.



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

FEATURES

- ▶ Bi-directional 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 interface integrates the device perfectly into various analytical laboratory applications.

TECHNICAL SPECIFICATIONS

	Temperature can be set in °C or °F		
	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	-
Timer	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 supply	220V; 50/60Hz	220V; 50/60Hz	220V; 50/60Hz
Power consumption	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