



DRY BLOCK HEATER/THERMO MIXERS



cs@irisanalytical.com



+1 706 760 4500



www.irisanalytical.com

The Microplate Incubator / Thermo Shaker DZ-100/DZ-100S are designed for shaking 1-4 standard 96-well plates in the thermostat mode. These machines used the multi-principle, which allows they can be used as 2 independent devices:

Incubator for lasting incubation without shaking of micro-quantities (insect, plant cell cultures, etc.) in immune plates (DZ-100/DZ-200)

Microplate thermo shaker for immuno chemistry and molecular diagnostics, especially when requires good result reproducibility and precise method regulation are particularly high (DZ-100S/DZ-200S).

A distinctive feature for the DZ-100S/DZ-200S and DZ-100/DZ-200 is two-side heating of micro test plates that allows achieving exact correspondence of the set and actual temperature in wells of the micro test plates.

Features:

1. LCD display. It is easy to set up and use
2. Heating plates above and below the microplates
3. Incubation up to 70°C in 0.1°C steps
4. Shakes and incubates two or four microplates simultaneously
5. Beep-signal and stop of shaking motion after program completion
6. Excellent temperature accuracy and uniformity across the plate

The devices can be used in:

1. Cyto chemistry — for in situ reactions
2. Immunochemistry — for immune fermentative reactions
3. Biochemistry — for enzyme and protein analysis
4. Molecular chemistry — for matrix analysis

Model	DZ-100S		DZ-100		DZ-200S		DZ-200	
Temperature Range	RT+5°C to 70°C		RT+5°C to 70°C		RT+5°C to 70°C		RT+5°C to 70°C	
Setting Range	5°C to 70°C		5°C to 70°C		5°C to 70°C		5°C to 70°C	
Timer	1min to 99h59min		1min to 99h59min		1min to 99h59min		1min to 99h59min	
Temp. Accuracy	±0.5°C		±0.5°C		±0.5°C		±0.5°C	
Display Accuracy	±0.1°C		±0.1°C		±0.1°C		±0.1°C	
Shaking Speed	100 to 1200rpm		----		100 to 1500rpm		----	
Heating Time(20 to 70°C)	?25min		?25min		?25min		?25min	
Platform Capacity	2 plates		2 plates		4 plates		4 plates	
Mixing Orbit	2 mm		----		2 mm		----	
Dimension	280 x 270 x150 mm		280 x 270 x150 mm		320 x 350 x185 mm		320 x 350 x185 mm	
Net Weight	6.5 kg		4 kg		9 kg		8 kg	
Electrical Requirement	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	1602005-01	1602005-02	1602010-01	1602010-02	1602015-01	1602015-02	1602020-01	1602020-01

