IRIS ANALYTICAL



DRY BLOCK HEATER/THERMO MIXERS

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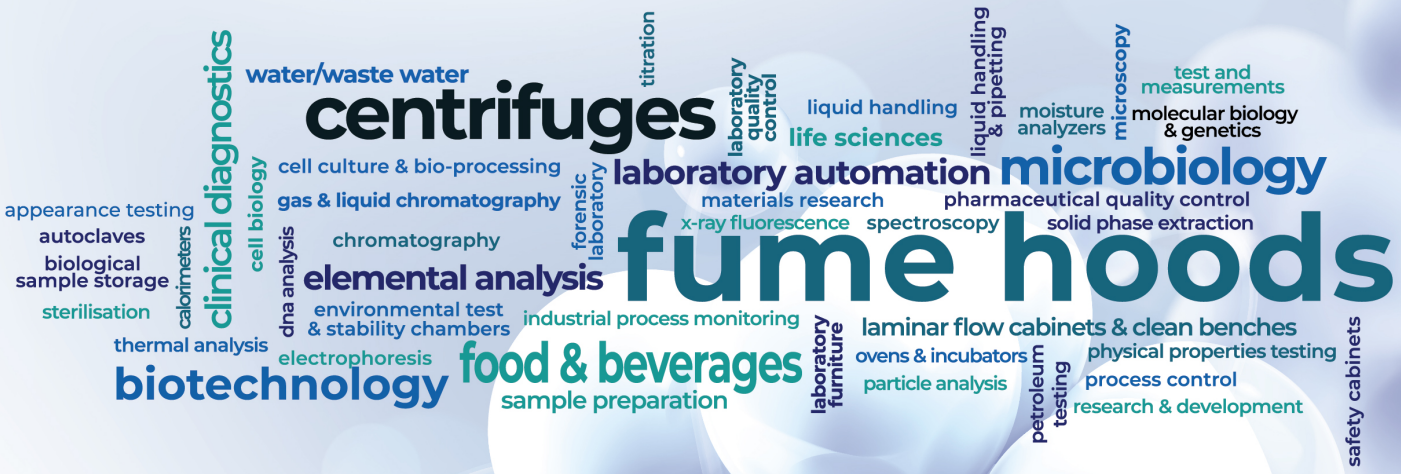
The Dry Block Thermo Shaker DS-200/300 is a microprocessor-controlled product using advanced thermoelectric technique. With this technique, more stable and accurate temperature control is achieved. Perfectly controlled 3-dimensional mixing prevents spilling and lid wetting. Replacement is convenient with optional metal modules of various specifications configured for different types of microplates, tubes, and glass vials.

- Thermo shaker for microplates, tubes, and glass vials
- Fast shaking and mixing up to 3,000rpm
- Perfectly controlled 3-dimensional mixing prevents spilling and lid wetting
- 2 programmable soft keys, integrated vortex and short mix functions
- Very small, light, efficient and quiet
- Adapter plates:

    - **Microplates:** - 96-, 384-,1536-well microplates/deepwell plates/PCR plates
    - **Holder:** - 0.2ml PCR tubes holder, 0.5ml tubes holder, 1.5/2.0ml tubes holder, 15ml Micro tubes holder, 50ml Micro tubes holder
    - **Block:** -10 types Aluminium blocks for user choosing

Model	DS-200		DS-300	
Mixing Frequency	300 to 3000 rpm		300 to 1700 rpm	
Mixing Orbit	2mm		3mm	
Speed Setting Resolution	10 rpm increment		10 rpm increment	
Mixing Accuracy	±25 rpm		±25 rpm	
Temp. Display Accuracy	±0.1°C		±0.1°C	
Mixing Speed	200 to 1500 rpm		200 to 1500 rpm	
Heating Time(25 to100°C)	?12min		?12min	
Temperature Accuracy	±0.25°C at37°C ±0.5°C at95°C		±0.25°C at37°C ±0.5°C at95°C	
Temperature Range	RT+5°C to 100°C		RT+5°C to 100°C	
Time Setting	1min to 99h59min		1min to 99h59min	
Time Setting Resolution	1min		1min	
Short-Mix Function	Yes		Yes	
Continuous Working	Yes		Yes	
Programs	2		2	
Individual Program capacity	3steps		3steps	
Operation Voltage	24V DC150W		24V DC150W	
Dimension	230 x170 x165 mm		230 x170 x165 mm	
Net Weight	5.5 kg		5.5 kg	
Electrical Requirement	AC 100V	AC 240V	AC 100V	AC 240V
Catalogue No.	1602505-01	1602505-02	1602510-01	1602510-01

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