Advanced Thermal Cyclers TCP-5300

Description

TheDenverAdvanced Thermal Cyclers TCP-5300 is designed with 2D Gradient. Suitable for the denaturation, enzymes cutting, enzymes link and ELISA assay applications. Offer high heating and cooling rate with the Peltier design unit. Equipped with 11 standard programs for fast editing in particular programs.
Suitable for the denaturation, enzymes cutting, enzymes link and ELISA assay applications. Offer high heating and cooling rate with a ramping rate up to 7°C/sec. Equipped with 11 standard programs for fast editing in particular programs.
Features with Peltier design, large LCD touch display, reaction blocks, air ventilation, hot lid plate, cooling fins and handle.
Accommodates wells including 96×0.2 ml, with the availability of tubes: 0.2 ml tube, 8 strips, 96 wells plate and this block are completely independently of each other and without interference.

Technical:

Model	TCP-5100	TCP-5200	TCP-5300
Capacity	96×0.2 ml	6×16×0.2 ml	96×0.2 ml
Display	10.1-inch LCD		
Temperature Range	4 to 105°C		
Number of Program	20000+ USB FLASH		
Uniformity	?±0.2°C		
Accuracy	?±0.1°C		
Tube	0.2 ml tube, 8 strips, 96 wells plate		
Display Resolution	0.1°C		
Number of Cycle	100		
Number of Step	30		
Holding Temperature	4°C		
Temperature Control	Block/Tube		
Ramping Rate Adjustable	0.1 to 5°C	0.1 to 6°C	0.1 to 7°C
Gradient Temperature Range	30 to 105°C		
Gradient Type	Nonlinear Gradient	Dynamics Gradient	2D Gradient
Gradient Spread	1 to 42°C	0.1 to 5°C	Portrait: 1 to 30°C, Landscape: 1 to 24°C
Hot Lid Temperature	30 to 115°C		
Connectivity	USB2.0, WIFI		
Increase/Decrease in Temperature	0.1 to 10°C		
Increase/Decrease in Time	1 to 600 seconds		
Power consumption	600 W	600 W	1000 W
Dimension	385×270×255 mm		
Weight	10 kg	10 kg	11 kg

Electrical Requirements	100V/50Hz;	240V/60Hz	100V/50Hz;	240V/60Hz	100V/50Hz;	240V/60Hz
Catalogue No.	620400501	620400502	620401001	620401002	620401501	620401502
Model	TCP-5100		TCP-5200		TCP-5300	
Capacity	96×0.2 ml		6×16×0.2 ml		96×0.2 ml	
Display	10.1-inch LCD					
Temperature Range	4 to 105°C					
Number of Program	20000+ USB FLASH					
Uniformity	?±0.2°C					
Accuracy	?±0.1°C					
Tube	0.2 ml tube, 8 strips, 96 wells plate					
Display Resolution	0.1°C					
Number of Cycle	100					
Number of Step	30					
Holding Temperature	4°C					
Temperature Control	Block/Tube					
Ramping Rate Adjustable	0.1 to 5°C		0.1 to 6°C		0.1 to 7°C	
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Catalogue No.	620400501	620400502	620401001	620401002	620401501	620401502

Shipping:	2 - 3 weeks Delivery.
number_of_cycle:	100

gradient_temp_range:	30 to 105C
power:	1000 W
resolution:	0.1?
temperature_range:	4 to 105C
capacity:	960.2 ml
model:	TCP-5300

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