



+27 60 999 9140

info@microanalytica.co.za

489 Jacqueline Drive, Garsfontein
Pretoria, Gauteng, 0081

ANALYTICAL EXCELLENCE...

www.microanalytica.co.za

Thermal Cycler MA-A300

FEATURES:

- Newest generation Peltier-based technology
- 7-inch colour touch screen, graphic display of protocols
- Interchangeable modules, swapped in seconds without tools
- 15 000 protocols can be stored on board, unlimited storage on USB flash drive





MODEL SPECIFICATIONS:

Model	MA-A300	
Gradient Module	96 Module	96 wells*0.2ml
	9677 Module	96 wells*0.2ml + 77 wells*0.5ml
	384 Module	384 wells
	Multi-Purpose	9677 modules + In-situ adapter
	Display	7-inch colour touch screen, graphic display of protocols and running status
	Communication	2 USB 2.0 and LAN
Temperature	Block Temp. Range	0°C~105°C
	Max. Heating/Cooling Rate	6°C/s
	Temp. Uniformity	≤±0.2°C (at 95°C)
	Temp. Accuracy	≤±0.1°C (35°C~100°C)
	Display Resolution	0.1°C
	Mode of Temp. Control	Sim-tube & Block mode
Gradient	Gradient Accuracy	≤±0.1°C (35°C~100°C)
	Column Uniformity	≤±0.2°C (at 95°C)
	Gradient Range	30°C~105°C
	Temp. Differential Range	1°C~30°C
	Gradient Capability	12 Column

Software	Max. No. of Programs	15 000 protocols can be stored on board, unlimited storage on USB flash drive
	Max. Step	30 steps
	Max. Cycle	100 typical cycles; max. 60 000 nesting cycles
	Time & Temp In-/Decrement	Available for Long PCR and Touchdown PCR
	Auto Pause/Restart	Yes
	Multi-User Login	Password-based authentication
	Tm Calculator	Automatically calculate melting and annealing temp. with two primer sequences
	Hold at 4°C	Infinite incubation time at low temp. overnight
	Program Wizard	Create PCR protocols with only a few clicks
	Running Report	Provide objective and precise information for the whole experiment
	PC Connection	PC remote control to manage more than 120 units across the network
Heat Lid	Height of Heat Lid	Adjustable lid, accommodates all kinds of PCR tubes, strips and plates
	Open Method	Innovative TOP-OPEN technology open and lift the lid in one step
	Heat Lid Temp. Range	30°C~112°C
	Auto Shut-off	Yes
Others	Power Supply	85V-265V, 50/60Hz, max. 600W
	Packing Size (L*W*H)	362*256mm*255mm
	Gross Weight	10kg