

HEATING BLOCKS



+27 60 999 9140

info@microanalytica.co.za

489 Jacqueline Drive, Garsfontein
Pretoria, Gauteng, 0081

ANALYTICAL EXCELLENCE...

www.microanalytica.co.za

Heating Block MA-I / MA-II / MA-III / MA-IV / MA-V / MA-VI

FEATURES:

- Wide range of interchangeable aluminium blocks
- Heat to 105°C, optional external temperature for all applications - tubes, vials and microplates
- Blocks optional available as accessories for all applications - tubes, vials and microplates
- Block extraction tool is supplied, allowing blocks to be removed easily





MA-I



MA-II



MA-III



MA-IV



MA-V



MA-VI



MODEL SPECIFICATIONS:

Model	MA-I	MA-II
Temperature Control Range	RT+5°C ~ 105°C	RT+5°C ~ 105°C
Stability @ 100°C	≤0.5°C	≤0.5°C
Uniformity: Within the block @ 37°C: Across similar blocks @ 37°C	±0.2°C /	±0.2°C ±0.3°C
Heating Time (25°C to 100°C)	≤20min	≤20min
Display Accuracy / Display	0.1°C / LED	0.1°C / LED
Timing Range	1min ~ 99h59min	1min ~ 99h59min
Block Quantity	1	2
External Size (mm)	250 *190 *130	365 *210 *150
Package Size (mm)	390*310*250	490*330*280
Net Weight (kg)	2.5	4.5
Gross Weight (kg)	4.1	6.2

Model	MA-III
Temperature Control Range	RT+5°C ~ 100°C
Time required for temperature to increase from 20°C to 100°C	≤15min
Temperature Control Discrepancy	≤±0.5°C
Display Discrepancy	±0.1°C
Homogeneity of Block Temperature	≤± 0.5°C
Maximum Heating Power	100W
Maximum Temp.	100°C
Time Range	1min~99h59min
External Size (mm)	225 *160 *197
Package Size (mm)	330*280*340
Net Weight (kg)	3
Gross Weight (kg)	6

Model	MA-IV	MA-V
Temperature Control Range	-10°C ~ 100°C	From 5°C above ambient to 80°C
Timing Range	1min~99h59min	1min~999min or 1sec~999sec
Temperature Control Accuracy	≤±0.5°C	≤± 0.5°C
Display Accuracy	0.1°C	0.1°C
Heating Time	≤15min (from 20°C to 100°C)	≤12min (from 25°C to 80°C)
Heating Parts	/	HeatingFilm
Cooling Time	≤15min (from 20°C to -5°C) If the room temperature is lower 30°C ≤ 15min (from 20°C to -10°C) If the room temperature is lower 25°C	/
External Size (mm)	300*220*180	150*110*100
Package Size (mm)	480*380*330	260*200*170
Net Weight (kg)	5	0,5
Gross Weight (kg)	8	2

Model	MA-VI
Temperature Control Range	From 5°C above ambient to 150°C
Time required for temperature to increase from 40°C to 150°C	≤30min
Temperature Control Discrepancy	≤±0.5°C
Display Discrepancy	±0.1°C
Homogeneity of Block Temperature	≤± 0.5°C
Maximum Heated Power	200W
Time Range	1 ~ 99h59min
External Size (mm)	280*240*110
Package Size (mm)	470*370*330
Net Weight (kg)	4,5
Gross Weight (kg)	7