



Exicyler
(Real Time Quantative)



MyGenie 96
(Gradient)

1 Features

- Multiplexing with four different fluorophores and reproducible results
- Multi applications for DNA, RNA and virus copy number quantification or qualitative analysis, target identification, genotyping etc.
- High sensitive and wide dynamic detection range and self diagnostics for system maintenance
- High resolution and useful melting curve analysis for target identification
- Simultaneous fluorescence detection and high throughput processing of sample in well plates
- Broad range of excitation and emission wave lengths
- Uniform and exquisite thermal gradient

2 Specifications

Model	Exicyler	MyGenie 96
Sample capacity	96 well / 20-50ul	96 well / 0.2ml tube
Heating & Cooling	Peltier	
Temperature range	4°C - 99°C	
Operation temperature	15°C - 30°C ±0.3°C	
Lid temperature	90°C - 120°C	
Temp/Time increment	9.9°C / 60 sec	
Operation humidity	20% - 80%	
Gradient range	40°C-75°C in 1°C - 20°C	
Ramping range	Max.2.5°C in 0.1°C/sec	
No. of program/steps	-	150 / 40
No. of repeated cycle	-	99
Display	PC Monitor by user	20 x 4 Character / LCD
Operation system	MS Window XP	20 Key pad
Communication port	USB2.0	RS232
Power source	110/220VAC, 50/60Hz	
Overall (WxDxH)	355x540x470(mm)	238x235x297(mm)
Weight (Kg)	30	8
Light source	UHP short arc lamp / 120W	-
Detector	2D CCD	-
Excitation filters	5 sets / 490-640nm	-
Emission filters	5 sets / 520-670nm	-