

Mini S



Model	MyGo® Mini S
Number of Wells	16
Format	0.1 ml tubes
Reaction Volume	10 – 100 µl
Run Time*	<60 mins

What's in the box?

- MyGo® Mini S instrument
- AC power supply with UK/EU/US/AUS plug depending on delivery address
- Ethernet cable
- USB extender cable
- MyGo® USB
- Quick start user guide
- Single PCR tubes – box of 200



Optics

No. of Channels	2 (Duplex)
Fluorescence Excitation	475 nm (blue LED)
Fluorescence Detection	500 to 650 nm
Detector Type	CMOS array
Detection Sensitivity	Single copy detection
Dynamic Range	9–log
Precision	1.1 fold discrimination

Temperature Control

Thermal System	Peltier, aluminium copper alloy block
Temperature Range	37 to 99 °C
Heating Speed	3 °C/s
Cooling Speed	1.5 °C/s
Thermal Uniformity	+/- 0.1 °C
Thermal Accuracy	+/- 0.25 °C

Factory Calibrated Dyes SYBR Green I, ResoLight, FAM, VIC, HEX, CAL540, CAL560 (Generic Dye files).

Multiplex with Red Dyes No

Supported Assay Formats Intercalating dyes (e.g. SYBR Green I), Hydrolysis Probes

Interface Desktop PC/laptop required
Note: Protocols can be run from a preloaded USB thumb drive.

Progress Status Colour and Audio alerts

Connectivity LAN, RJ45, USB

Software Free Windows/Mac OS X and Linux operating software

Dimensions (w x d x h) 16 x 12 cm

Weight 2 kg

Electrical Power Consumption 90 W (12 V battery option)

Electrical Voltage 100 – 240 V AC +/-10%

Electrical Frequency 50 – 60 Hz +/-10%