

# 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 <i>Note: Protocols can be run from a preloaded USB thumb drive.</i>
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%