

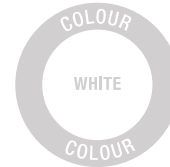
Pro ESR



Model	MyGo® Pro ESR
Number of Wells	32
Format	0.1 ml tubes, 8 well strips
Reaction Volume	10 – 100 µl
Run Time*	<40 mins

What's in the box?

- MyGo® Pro ESR instrument
- Ethernet cable
- AC power supply with UK/EU/US plug
- MyGo® USB
- Quick start user guide
- Single PCR tubes – box of 200
- 8 cap strips – bag of 120 caps
- 8 well strips – individual bag of 120 strips
- Cleaning kit
- Supplied in heavy duty flight case



Optics	
No. of Channels	5 (Multiplex)
Fluorescence Excitation	610 nm and 450 nm (red/blue LED)
Fluorescence Detection	510 to 750 nm
Detector Type	CMOS array
Detection Sensitivity	Single copy detection
Dynamic Range	9–log
Precision	1.1 fold discrimination

Temperature Control	
Thermal System	Peltier, silver copper alloy block
Temperature Range	37 to 99 °C
Heating Speed	5 °C/s
Cooling Speed	4 °C/s
Thermal Uniformity	+/- 0.1 °C
Thermal Accuracy	+/- 0.25 °C
Factory Calibrated Dyes	SYBR Green I, ResoLight, FAM, VIC, HEX, Cy5, ROX, LC Green, SYTO 9, Cy5.5. Instrument Specific Calibration for (FAM, HEX, ROX, CY5, CY5.5) <i>Note: Does not work with TexasRed.</i>
Multiplex with Red Dyes	Yes
Supported Assay Formats	TaqMan®, Molecular Beacons, SimpleProbes®, Intercalators, High Resolution Melting (HRM)
Interface	Desktop PC/laptop required
Progress Status	Colour alerts
Connectivity	LAN, RJ45, USB
Software	Free Windows/Mac OS X and Linux operating software
Dimensions (w x d x h)	25 x 27 x 23 cm
Weight	7 kg
Electrical Power Consumption	170 W
Electrical Voltage	100 – 240 V AC +/-10%
Electrical Frequency	50 – 60 Hz +/-10%
Operating Noise	<40 dB