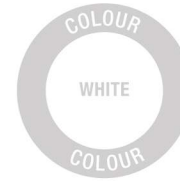


Pro ESR



| 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 with silver mount |
| 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 <i>Note: Protocols can be run from a preloaded USB thumb drive.</i> |
| 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 |

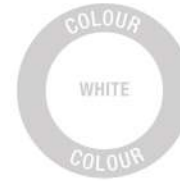
| Model | MyGo® Pro ESR |
|-----------------|-----------------------------|
| Number of Wells | 32 |
| Format | 0.1 ml tubes, 8 well strips |
| Reaction Volume | 10 – 100 µl |
| Run Time* | <40 mins |

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

*Dependent on assay

Pro



| Optics | |
|-------------------------|-------------------------|
| No. of Channels | 4 (Multiplex) |
| Fluorescence Excitation | 500 nm (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 with silver mount |
| 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, Yellow 555, Red 610, TexasRed, CAL 540, CAL 560, CAL 590, CAL 610, CAL 635, JOE, Pulsar 650, Quasar 570, Quasar 670, Quasar 705, TAMRA, TET (Generic dye files, red spectral dyes will give a poorer performance). |

| | |
|------------------------------|---|
| Multiplex with Red Dyes | No |
| Supported Assay Formats | TaqMan®, Molecular Beacons, SimpleProbes®, Intercalators, High Resolution Melting (HRM) |
| Interface | Desktop PC/laptop required <i>Note: Protocols can be run from a preloaded USB thumb drive.</i> |
| 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 |

| Model | MyGo® Pro |
|-----------------|-----------------------------|
| 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 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

*Dependent on assay



| Model | MyGo® Pro ESR | MyGo® Pro | MyGo® Mini S |
|-----------------|-----------------------------|-----------------------------|--------------|
| Number of Wells | 32 | 32 | 16 |
| Format | 0.1 ml tubes, 8 well strips | 0.1 ml tubes, 8 well strips | 0.1 ml tubes |
| Reaction Volume | 10 – 100 µl | 10 – 100 µl | 10 – 100 µl |
| Run Time* | <40 mins | <40 mins | <60 mins |

| Optics | | | |
|-------------------------|----------------------------------|-------------------------|-------------------------|
| No. of Channels | 5 (Multiplex) | 4 (Multiplex) | 2 (Duplex) |
| Fluorescence Excitation | 610 nm and 450 nm (red/blue LED) | 500 nm (blue LED) | 475 nm (blue LED) |
| Fluorescence Detection | 510 to 750 nm | 510 to 750 nm | 500 to 650 nm |
| Detector Type | CMOS array | CMOS array | CMOS array |
| Detection Sensitivity | Single copy detection | Single copy detection | Single copy detection |
| Dynamic Range | 9–log | 9–log | 9–log |
| Precision | 1.1 fold discrimination | 1.1 fold discrimination | 1.1 fold discrimination |

| Temperature Control | | | |
|------------------------------|---|--|---|
| Thermal System | Peltier with silver mount | Peltier with silver mount | Peltier with aluminium mount |
| Temperature Range | 37 to 99 °C | 37 to 99 °C | 37 to 99 °C |
| Heating Speed | 5 °C/s | 5 °C/s | 3 °C/s |
| Cooling Speed | 4 °C/s | 4 °C/s | 1.5 °C/s |
| Thermal Uniformity | +/- 0.1 °C | +/- 0.1 °C | +/- 0.1 °C |
| Thermal Accuracy | +/- 0.25 °C | +/- 0.25 °C | +/- 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> | SYBR Green I, ResoLight, FAM, VIC, HEX, Cy5, ROX, Yellow 555, Red 610, TexasRed, CAL 540, CAL 560, CAL 590, CAL 610, CAL 635, JOE, Pulsar 650, Quasar 570, Quasar 670, Quasar 705, TAMRA, TET (Generic dye files, red spectral dyes will give a poorer performance). | SYBR Green I, ResoLight, FAM, VIC, HEX, CAL540, CAL560 (Generic Dye files). |
| Multiplex with Red Dyes | Yes | No | No |
| Supported Assay Formats | TaqMan, Molecular Beacons, SimpleProbes®, Intercalators, High Resolution Melting (HRM) | TaqMan, Molecular Beacons, SimpleProbes®, Intercalators, High Resolution Melting (HRM) | 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> | Desktop PC/laptop required <i>Note: Protocols can be run from a preloaded USB thumb drive.</i> | Desktop PC/laptop required <i>Note: Protocols can be run from a preloaded USB thumb drive.</i> |
| Progress Status | Colour Alerts | Colour Alerts | Colour and Audio Alerts |
| Connectivity | LAN, RJ45, USB | LAN, RJ45, USB | LAN, RJ45, USB |
| Software | Free Windows/Mac OS X and Linux operating software | Free Windows/Mac OS X and Linux operating software | Free Windows/Mac OS X and Linux operating software |
| Dimensions (w x d x h) | 25 x 27 x 23 cm | 25 x 27 x 23 cm | 16 x 12 cm |
| Weight | 7 kg | 7 kg | 2 kg |
| Electrical Power Consumption | 170 W | 170 W | 90 W (12 V battery option) |
| Electrical Voltage | 100 – 240 V AC +/-10% | 100 – 240 V AC +/-10% | 100 – 240 V AC +/-10% |
| Electrical Frequency | 50 – 60 Hz +/-10% | 50 – 60 Hz +/-10% | 50 – 60 Hz +/-10% |

*Dependent on assay