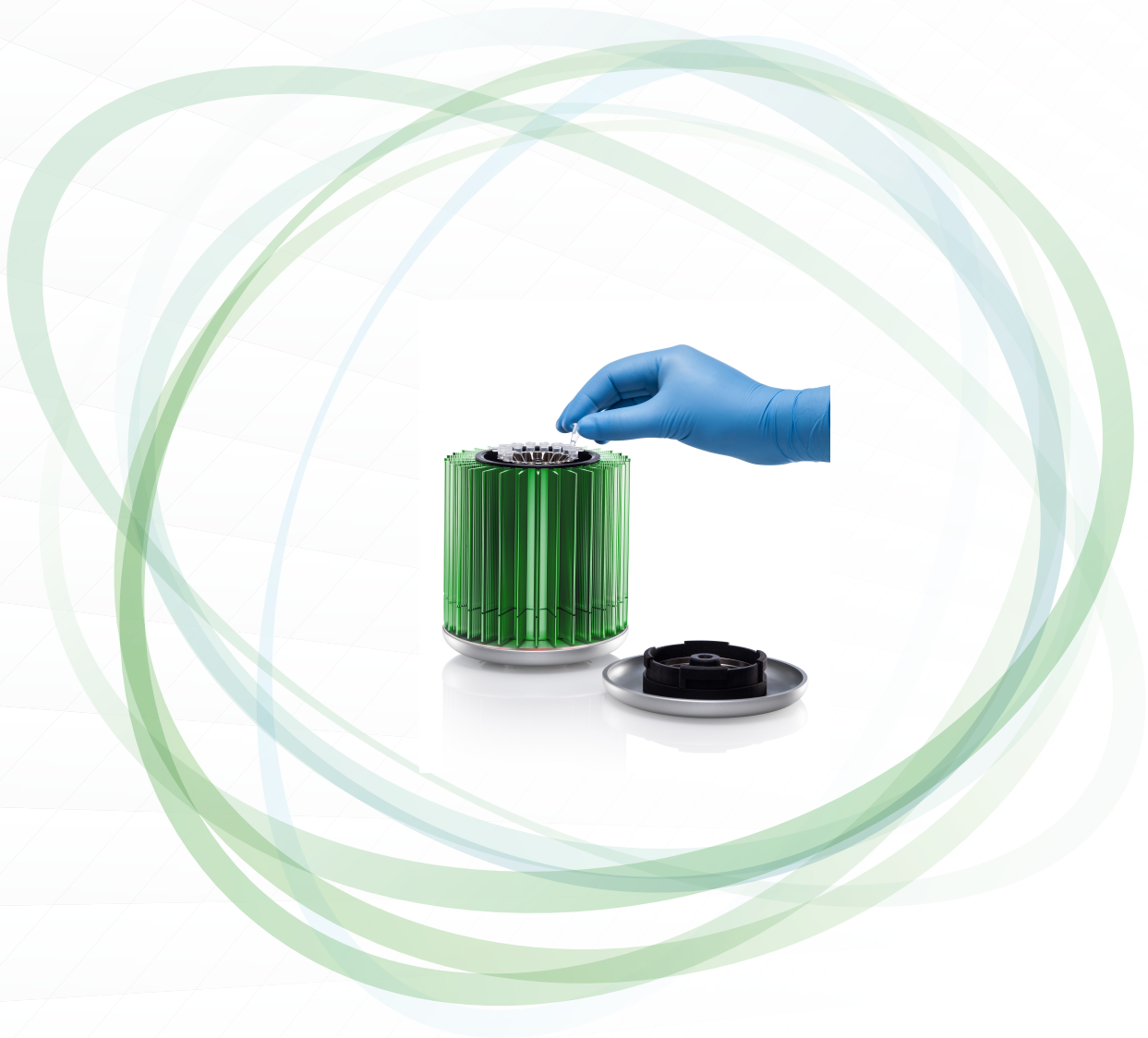


affordable qPCR for everyone



MyGo Mini[®]

Realtime PCR System

MyGo Mini[®]

Specifications

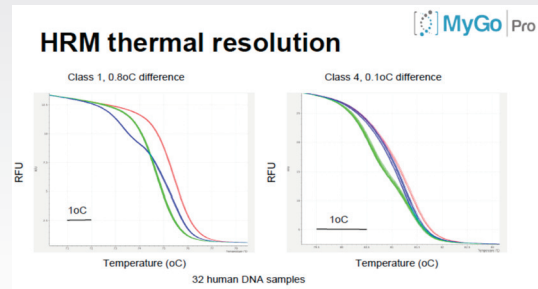
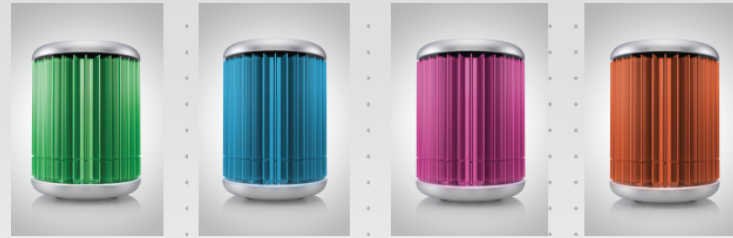
MyGo Mini[®] system is easy to transport and install. Up to 16 samples can be run in 0.1/0.2 ml tubes, affordable qPCR but without compromising data quality. System is supplied standard with fast heating and cooling, whilst assay performance is supported further by a heated lid design.

The system is ideal for a large range of applications including - Research, Teaching, Diagnostics, Veterinary & Food testing to name just a few potential applications from this compact system weighing just 1.8kg! Systems are available in 4 unique colours - Blue, Green, Pink & Gold!

The powerful and easy to use software provides the following features:

- Automated analysis modules for:
 - absolute and relative quantification
 - melting curve analysis
 - endpoint genotyping
 - high resolution melting (HRM)
- Quick start using templates for all major applications
- Analysis of full spectral data
- Generation of custom dye files for novel fluorophores
- Straightforward setup and editing of sample and target information
- Comprehensive data export functions
- Compatible with Windows, Mac & Linux Systems
- Instrument start from a USB flash drive, using preprogrammed settings

MyGo Mini[®] Software is delivered and easily installed from a USB flash drive. The software has no license restrictions. When installed in a network, the software can control several **MyGo Mini[®]** Instruments connected via LAN.



System specifications:

Dimensions	D 4.7 in x H 6.3 in (D 12 cm x H 16 cm)
Weight	3.97 lbs (1.8 kg)
Operating noise	Silent
Electrical	Voltage: 100 - 240 V (+ 10%) Frequency: 50 - 60 Hz (+ 10%) Power: 90W
Number of reactions	16
Reaction Vessels	0.1ml tube
Reaction volume	10 - 100 µl (20 µl recommended)
Temperature cycling system	Peltier-based heating & cooling from +40 to +99°C Heating rate: 3°C/s & Cooling Rate: 1.5°C/s
Temperature uniformity	+/- 0.05°C (SD)
Temperature accuracy	+/-0.25 tbc°C
Run Time	<50 min
Fluorescence Excitation	500 nm (blue LED)
Fluorescence Detection	CMOS Array
Supported Assays Formats	Intercalating dyes (e.g., SYBR Green I), Hydrolysis Probes, Molecular Beacons, SimpleProbes, HybProbes
Factory-Calibrated Dyes (at shipment)	SYBR Green I / FAM / ResoLight; VIC / HEX / Texas Red
Multiplexing Capabilities	Up to 2 targets
Applications	Relative and Absolute Quantification Analysis Melting Peak Analysis Endpoint Genotyping Analysis High Resolution Melting (HRM)
Sensitivity	1.1fold discrimination, 9-log dynamic range, single copy detection
Connection options	LAN Direct connection to computer (RJ45) PC-free (USB stick/flash drive controlled)