



RIDA® CYCLER – The multiplex real-time PCR instrument

User-friendly magnetic induction real-time PCR system for RIDA® GENE PCR kits

Size – qPCR instrument with a small footprint

Modular – Connect multiple instruments wireless to one PC

Convenient – Pre-loaded assays – no more programming

Features





Versatility
4 optical channels



User-friendliness
Easy software set-up with pre-loaded thermoprofiles



Accuracy
High temperature accuracy & first class temperature uniformity



Connectivity
Operate up to 10 instruments



Size
Compact qPCR instrument



Speed
Fast results due to magnetic induction



Design
No extra centrifuge needed

General			
Dimensions	130 x 150 x 150 mm (H x W x L)		
Weight	2.1 kg		
Optical			
Detectors	Photodiode per channel		
Excitation Sources	High power LED for each channel		
4 Channels	Green	Ex 465nm	Em 510nm
	Yellow	Ex 540nm	Em 570nm
	Orange	Ex 585nm	Em 618nm
	Red	Ex 635nm	Em 675nm

Performance	
Tube format	0.1 mL strips of four tubes and matching caps 48 samples per instrument
Thermal performance	Temperature accuracy: ± 0.25 °C Temperature uniformity: ± 0.05 °C Ramp rates Heating: 4 °C/s (fast mode) Cooling: 3 °C/s (fast mode)
Calibration	
No calibration required – RIDA®CYCLER is a non-contact system. The rotor is not in contact with anything physical just the induction field.	