

RealLine

RealLine Cyclers

BIORON



BIORON is now offering an excellent Real-Time PCR Cycler in different variations:

RealLine Cycler with 48 or 96 well thermoblock

Features and advantages:

- Easy to use for any Real-Time PCR application
- Routine analysis for diagnostic assays
- Research assays like HRM etc.
- 4 or 5 channels available
- Standard plastic tubes and plates can be used

BIORON



Parameter	Values for Realline Cyclers			
Realline Cycler	48-4	48-5	96-4	96-5
REF	910484	910485	910964	910965
Number of channels	4	5	4	5
Number of wells	48		96	
Type of tube/plate	0.2 ml PCR tubes, separate or in stripes		0.2 ml PCR tubes, separate or in stripes and 96-well plates	
Temperature range	From 0 to 100 °C			
Temperature shift	0.1 °C			
Accuracy	+/- 0.2 °C			
Max. heating rate	5 °C/sec		3.3 °C/sec	
Max. cooling rate	2.5 °C/sec		2.1 °C/sec	
Thermal unit actuator	2 Peltier elements		6 Peltier elements	
Temperature gradient	2 temperature zones possible		up to 6 horizontal or vertical temperature zones (gradient max. ± 10°C)	
Excitation source	LED			
Detector	CCD			
Spectral range (nm) of the detection channels	FAM 470/ 525 HEX 532/ 570 ROX 585/ 633 Cy5 633/ 670 Cy5.5 690/ 750*			
Hot lid temperature	105 °C			
Voltage supply	100 – 240 V			
Power consumption	max. 550 W			
Utility frequency	50 – 60 Hz			
Dimensions (W x D x H)	210 mm x 480 mm x 310 mm		210 mm x 540 mm x 540 mm	
Weight	17 kg		27 kg	

*Cy5.5 in Realline Cycler with 5 channels

BIORON GmbH
Germany

Phone +49 6232 29845-0
Fax +49 6232 29845-29
info@bioron.net
www.bioron.net

BIORON Diagnostics GmbH
Germany

Phone +49 6232 29844-0
Fax +49 6232 29844-29
info@bioron.de
www.bioron.de

