



Parameter	Value for RealLine Cyclers			
	48-4	48-5	96-4	96-5
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		±10 °C horizontal or vertical zones	
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	220 V			
Power consumption	max. 500 W			
Utility frequency	50 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	

*Excitation/detection wavelength can be changed