

eQuantia 48

by  ECOLIX

Real-Time PCR cycler

- Intended for qualitative and quantitative analysis of DNA and RNA targets
 - E.g. pathogen detection, quantification and genotyping; human genetics; gene expression profiling
 - HRM (high-resolution melting) analysis
 - Open platform for use with PCR kits of different brands
- Capacity: 48 x 0,2 ml tubes
 - 8x6 arrangement, separate PCR tubes or strips
- Advanced 5-channel optics
 - 470/40 – 515/30 nm, e.g. FAM, SYBR Green
 - 530/20 – 560/20 nm, e.g. HEX, JOE, VIC, R6G
 - 580/30 – 620/30 nm, e.g. ROX, Texas Red, TAMRA
 - 630/20 – 660/20 nm, e.g. Cy5, Quasar 670, Red 640
 - 687/20 – 731/30 nm, e.g. Cy5.5, Quasar 705
 - Separate LED for each optical channel provides high sensitivity, optimal signal-to-noise ratio and low crosstalk
- Temperature control: 0 – 100 °C
 - Peltier thermoelectric elements
 - Increment 0,1 °C, accuracy ± 0,2 °C, hot lid 105 °C
- Computer controlled
 - Easy-to-use software included
 - Allows completion the program even in a case of a power failure or an unexpected computer shutdown
 - Integration with laboratory information system LIS possible



 **Amplisens**
biotechnologies

FULLY COMPATIBLE
WITH ALL AMPLISENS
PCR KITS

AMPLIFICATION
PROGRAMS FOR
ALL AMPLISENS
PCR KITS
AVAILABLE




Basic technical data

Electrical requirements	220 V / 50 Hz / power consumption max 500 W
Size and weight	210 (W) x 480 (D) x 310 (H) mm / 17 kg

Ver.03_09/2022

AVAILABLE
Q1/2023

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