

## Technical specification

### pcr:smart® Thermocycler



SPECIFICATIONS	VALUE
Type of reaction available	PCR, qPCR, RT-qPCR, LAMP
Device management	Desktop application, MS Windows
Application with adjustable parameters	yes
Sample capacity	4
Number of detection channels	4
Type of detection channels	FAM, HEX, Cy5, Texas Red
Isolation well (temperature protocol)	yes
Reaction volume per well	10-100µL
Semi-Quantitative	yes
Data transfer connection	USB
Max samples per run	4
Max qPCR targets per run	16
Power supply	AC 230V/ DC 12V 5A
Voltage	12V DC
Full-load current	5A
Internal battery	no
IP rating	IP 20, Indoor, outdoor in covered areas
Operating ambient temperature	10-30°C
Operating humidity limit	20-80%
Weight (g)	approx. 690g
Dimensions (width-height-depth, cm)	14,2 - 9 - 15,5