



designed for scientists

Technical Data

Type of movement	orbital
Shaking stroke [mm]	3
Maximum load [kg]	0.3
Permissible ON time [%]	100
Speed min (adjustable) [rpm]	300
Speed range [rpm]	0 - 2000
Speed display	TFT
Speed deviation [\pm rpm]	30
Speed control	10 RPM Steps
Timer	yes
Timer display	TFT
Time setting min. [s]	1
Time setting max. [min]	6000
Operating mode	timer, continuous and program operation
Working with microtiter plates	yes
Number of microtiter plates	1
Heating temperature range [°C]	room temp. +4° - 100
Heat output [W]	100
Heat control	TFT
Set temperature resolution [\pm °C]	1
Temperature control accuracy [\pm °C]	1.0 (@ 20°C ... 45°C); 4.0
Temperature stability [°C]	0.5
Temperature homogeneity [\pm °C]	0.5 (@ 20°C ... 45°C); 1.5
Heating rate [°C/min]	18
Temperature display	yes
Number of PCR plates	1
Number of Deep Well Plates (DWP)	1
Dimensions (W x H x D) [mm]	216 x 147 x 351
Weight [kg]	9.2
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	yes
USB interface	yes
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	240
Power input max. [W]	240
Fuse	2x T4A 250V

