



designed for scientists

Technical Data

Type of movement	orbital
Shaking stroke [mm]	20
Permissible shaking weight (incl. attachment) [kg]	7.5
Motor rating input [W]	45
Motor rating output [W]	10
Permissible ON time [%]	100
Speed min (adjustable) [rpm]	10
Speed range [rpm]	10 - 500
Speed display	LED
Speed deviation [%]	1
Speed control	1 RPM steps
Timer	yes
Timer display	7 segment LED
Time setting min. [s]	1
Time setting range [min]	1 - 59940
Operating mode	timer and continuous operation
Heat output [W]	1000
Set temperature resolution [\pm K]	0.1
Control accuracy with sensor (1 vessel 0.5 L H ₂ O, RT 22°C, T=37°C) [\pm K]	0.5
Temperature display	yes
Temp. stability (0,2l H ₂ O; RT 25°C, T=37°C) [\pm K]	0.1
Temperature range (inlet T>3°C) [°C]	12 - 80
Operating area inner chamber [mm]	330 x 330 x 258
Total volume inner chamber [l]	50
Raw material housing	Sheet metal powder coat
Raw material hood	PMMA
Raw material front foil	polyester
Raw material front panel	ABS painted
Temperature stability (1 vessel 0.5 L, RT 25°C, T=37°C) [\pm K]	0.05
Temperature homogeneity (5 vessel 0.5 L; RT 25°C, T=37°C) [\pm K]	0.5
Height with open hood [mm]	875
Dimensions (W x H x D) [mm]	465 x 430 x 695
Weight [kg]	37
Permissible ambient temperature [°C]	15 - 32
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 30
RS 232 interface	yes
USB interface	yes
Voltage [V]	230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	1120