

Technical Data

Type of movement	orbital
Shaking stroke [mm]	3
Maximum load [kg]	0.3
Motor rating output [W]	88
Permissible ON time [%]	100
Speed min (adjustable) [rpm]	300
Speed range [rpm]	0 - 3000
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
Working temperature min. [$^{\circ}$ C]	room temp. -15
Temperature setting range min. [$^{\circ}$ C]	1
Heating temperature max. [$^{\circ}$ C]	100
Heat output [W]	100
Heat control	TFT
Set temperature resolution [\pm $^{\circ}$ C]	1
Temperature control accuracy [\pm $^{\circ}$ C]	0.5
Temperature stability [$^{\circ}$ C]	0.5
Temperature homogeneity [\pm $^{\circ}$ C]	0.5
Heating rate [$^{\circ}$ C/min]	6
Temperature display	yes
Cooling Rate [$^{\circ}$ C/min]	0.8
Cooling Power [W]	72
Number of exchangeable attachments	10
Dimensions (W x H x D) [mm]	216 x 127 x 351
Weight [kg]	10
Permissible ambient temperature [$^{\circ}$ 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]	230
Power input max. [W]	230
Fuse	2x T4A 250V