

TurboCycler 2 gradient thermal cycler

- 96-well gradient block compatible with standard and low profile 0.2 ml PCR tubes and strips, skirted, semi-skirted and unskirted plates
- 7" colour touch screen that can be operated with laboratory gloves
- Intuitive control interface with icons and graphics
- Heated lid
- Maximum heating / cooling rate 5.5 / 3.3 °C per second
- Configurable temperature ramp : 0.1 to 5.5 °C / sec
- Temperature accuracy and uniformity of $\pm 0.3^{\circ}\text{C}$
- Temperature gradient from 1 to 24.9°C on 12 columns for PCR parameter optimisation

Block temperature range	4 to 99.9°C
Gradient range	1 to 24.9°C
Gradient Temperature range	30 to 99°C
Lid temperature	35 °C to 120 °C or inactive
Block Homogeneity	$\pm 0.3^{\circ}\text{C}$
Block temperature Accuracy	$\pm 0.3^{\circ}\text{C}$
Max. heating rate	5.5 °C / sec
Max. cooling rate	3.3 °C / sec
Adjustable temperature ramp	0.1 to 5.5°C / sec
Recordable programmes	500
Interface	USB, WIFI (optional)
Dim. W x D x H (mm)	245 x 415 x 225
Weight (kg)	9.5
Power supply	100 - 240 V, 50/60 Hz
Max. power consumption	750 W
Cat. No.	255200
€ Excl. VAT	NC -

Accessoire

Cat. No.	Description	Units/ carton	€ Excl. VAT/ carton
255204	Compression mat for use with low profile tubes, bars or plates	10	NC -



TurboCycler lite gradient thermal cycler

- 96-well gradient block compatible with standard and low profile 0.2 ml PCR tubes and strips, skirted, semi-skirted and unskirted plates
- 240 x 128 pixel monochrome display with intuitive interface
- Touch button control
- Heated lid (35 °C to 120 °C or inactive)
- Maximum heating / cooling rate 3 / 2 °C, adjustable speed (slow or fast)
- Temperature accuracy / uniformity of $\pm 0.3 / 0.5^{\circ}\text{C}$
- Temperature gradient on 12 columns for optimization of PCR parameters

Block temperature range	4 to 99.9°C
Gradient range	1 to 24°C
Gradient Temperature range	30 to 99°C
Lid temperature	35 °C to 120 °C or inactive
Block Homogeneity	$\pm 0.5^{\circ}\text{C}$
Block temperature Accuracy	$\pm 0.3^{\circ}\text{C}$
Max. heating rate	3 °C
Max. cooling rate	2 °C
Recordable programmes	200
Dim. W x D x H (mm)	245 x 415 x 225
Weight (kg)	9
Power supply	100 - 240 V, 50/60 Hz
Max. power consumption	500 W
Cat. No.	255201
€ Excl. VAT	NC -

Accessoire

Cat. No.	Description	Units/ carton	€ Excl. VAT/ carton
255204	Compression mat for use with low profile tubes, bars or plates	10	NC -

