



Blue-Ray Biotech TurboCycler Lite



The TurboCycler Lite thermal cycler offers versatile capabilities at an affordable price, making it an ideal choice for routine PCR tasks. TurboCycler Lite comes with impressive features, including intuitive operation interface, gradient optimisation, advanced slow-ramp temperature control and adjustable lid temperature.

- Sensitive capacity touch keypad and an intuitive graphical interface
- Thermal gradient function allows fast PCR optimisation for new experiments
- The ramp rate can be precisely controlled down to 0.1°C/s to meet the need for the CRISPR/Cas related assays
- Temperature can be set between 35 and 120°C for virtually any type of experiment including NGS pre-treatment
- The dust and aerosol proof keypad can be easily disinfected
- Auto-restart function

Specifications	
Block Temp Range, °C	4 – 99
Heating Rate, °C/sec	3
Cooling Rate, °C/sec	2
Temp Uniformity, °C	±0.05
Accuracy, °C	±0.3
Gradient Range, °C	30 – 99
Heated Lid Temp Range, °C	35 – 120

Code	Alt Ref	Supplied with	Dims, w x d x h, mm	Price
MOL2704	TCLT-9620	Fixed 96-well block	245 x 415 x 225	£2524.00



Blue-Ray Biotech Gradient TurboCycler 2



Designed specifically to enhance PCR efficiency and accuracy. It is equipped with a 7" sensitive touchscreen and a friendly graphic user interface, which makes operation highly intuitive. With flexible ramp rate and gradient temperature control, TurboCycler 2 greatly increases PCR accurate optimisation. The Wi-Fi function enables you to monitor the PCR run status anytime remotely with walk-away convenience.

- Flexible ramp rate control from 0.1 to 5.5°C/s to meet the need for CRISPR related assays
- Fully adjustable lid temperature can be set between 35 and 120°C for virtually any type of experiment including NGS pre-treatment
- Gradient optimisation range from 1 to 30°C enables optimal experimental conditions in a single PCR run
- The graphic interface is easy to use, making the adjustment of experiment parameters such as temperature, time and cycle quick and simple
- Monitor your PCR status remotely anytime on your mobile device via the free TurboApp
- Compatible with regular profile or low profile 0.2mL PCR tubes, strip, non-skirted, semi-skirted and full-skirted 96-well plates

Specifications	
Block Temp Range, °C	4 – 100
Heating Rate, °C/sec	5.5
Cooling Rate, °C/sec	3.3
Temp Uniformity, °C	±0.3
Accuracy, °C	±0.3
Gradient Range, °C	30 – 100
Heated Lid Temp Range, °C	35 – 120

Code	Alt Ref	Supplied with	Dims, w x d x h, mm	Price
MOL2702	TCST-9622	96-well sample block	245 x 415 x 225	£3452.00