

Mini thermal cycler



- ▶ **Compact and easy to use**
- ▶ **Touch screen, also works with gloves**
- ▶ **Block for 4 strips of 8 tubes or for 32 individual tubes**
- ▶ **Adjustable and deactivatable lid heating**

Capacity	32 x 0.2 ml tubes
Temperature range	0 °C - 99.9 °C
Accuracy / Homogeneity	± 0.25 °C / ± 0.25 °C
Heating rate	5 °C / s
Cooling rate	4 °C / s
Temperature range of the lid	30 °C - 112 °C
Number of programmes	100
Voltage	100 - 240 V, 50 - 60 Hz
Dimensions L x D x H (mm)	182 x 232 x 157
Weight (kg)	2.9
Cat. No.	062757
€ Excl. VAT	NC -

TC9639 Gradient Thermal Cyclers



- ▶ **17.8 cm diagonal colour LCD touch screen, usable with gloves**
- ▶ **The 96-well version has a multi-format block, suitable for unskirted 96-well plates, as well as 0.2 ml tube strips and 0.2 and 0.5 ml tubes**
- ▶ **Intuitive programming, parameterisation of the steps with graphic display**
- ▶ **Heated lid with adjustable height and temperature**
- ▶ **Programme protection by access code**
- ▶ **Aluminium block**
- ▶ **Temperature gradient from 1 to 30 °C**
- ▶ **100 program memory, expandable via USB port**

Model	Multi-format 96 wells	384 wells
Capacity	96-well non skirted plates; 96 x 0.2 ml tubes 8 strips of 12 tubes 0.2 ml and 39 x 0.5 ml tubes	384-well plates (non skirted)
Temperature range (°C)	0 to 100	
Heating rate (°C)	Up to 5 °C/second	
Cooling rate (°C)	Up to 4 °C/second	
T °C Uniformity	± 0,2	
T °C Accuracy	± 0.2°C	
T °C control	Block or tube*	
Gradient T° range	30 - 105 °C	
Gradient T° differential	1 - 30 °C	
Setting of the heating cover T°	30 - 112 °C	
Communication interface	USB, LAN and RS232	
Power supply	75 to 275 V, 50-60 Hz	
Dimensions L x D x H (mm)	26 x 36 x 25	
Weight (kg)	7.3	
Cat. No.	062817	062818
€ Excl. VAT	NC -	NC -

* simulation of the temperature inside the tube.

MiniTurbo thermal cycler



- ▶ **Applications : PCR, RT-PCR and incubation**
- ▶ **Very compact device**
- ▶ **Block for 8 conventional 0.2 ml PCR tubes (2 x 4)**
- ▶ **Heated lid, fixed temperature of 105 °C (preheats to 60 °C)**
- ▶ **Programming on USB stick via PC (software included)**

Number of cycles	Unlimited
Number of steps	Unlimited
Temperature range	25 - 99 °C
Heating rate	5.5 °C
Cooling rate	4 °C
Accuracy / homogeneity	± 0.4°C
Power supply, power	100 - 240 V, 50/60 Hz, 120W
Ext. Dimensions W x D x H (mm)	136 x 102 x 104
Weight (kg)	1
Cat. No.	255209
€ Excl. VAT	NC -