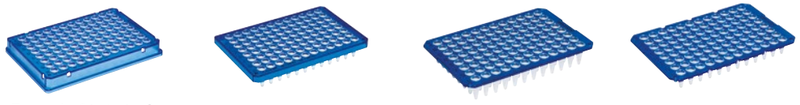
Model	MC X50s	MC X50a	MC X50p	MC X50h
Page(s)	248	248	248	248
Dimensions (W × D × H)	27.5 × 43 × 33 cm	27.5 × 43 × 33 cm	27.5 × 43 × 33 cm	27.5 × 43 × 33 cm
2D-Gradient block	over 12 columns/over 8 rows	over 12 columns/over 8 rows	over 12 columns/over 8 rows	over 24 columns/over 16 rows
Gradient block	–	–	–	–
Heating rate	10 °C/s	5 °C/s	5 °C/s	5 °C/s
Cooling rate	5 °C/s	2.3 °C/s	2.3 °C/s	2.3 °C/s
Interfaces	Ethernet, USB	Ethernet, USB	Ethernet, USB	Ethernet, USB
Lid descent	flexlid® technology with TSP	flexlid® technology with TSP	flexlid® technology with TSP	flexlid® technology with TSP
Lid temperature range	37 – 110 °C	37 – 110 °C	37 – 110 °C	37 – 110 °C
Sample capacity	96-well plate or 0.1/0.2 mL tubes	96-well plate or 0.1/0.2 mL tubes	1 PCR plate (96 wells)	1 PCR plate 384
Gradient temperature range	30 – 99 °C	30 – 99 °C	30 – 99 °C	30 – 99 °C
Temperature control range of the block	4 – 99 °C	4 – 99 °C	4 – 99 °C	4 – 99 °C
Thermoblock	Silver	Aluminum	Aluminum	Aluminum
Remote Device Monitoring and Notifications (VisioNize®)	VisioNize-onboard	VisioNize-onboard	VisioNize-onboard	VisioNize-onboard

[1] measured at the block



Eppendorf twin.tec® PCR Plates

Model	Eppendorf twin.tec® PCR Plate 96 skirted	Eppendorf twin.tec® PCR Plate 96 semi-skirted	Eppendorf twin.tec® PCR Plate 96 unskirted	Eppendorf twin.tec® PCR Plate 96 unskirted, divisible
Page(s)	258	258	258	259
Number of wells	96 wells	96 wells	96 wells	96 wells
Total volume per well	150 µL	250 µL	150 or 250 µL	150 or 250 µL
OptiTrack® frame color	colorless yellow green blue red	colorless blue	colorless yellow green blue red	colorless blue

Model	MC nexus GSX1	MC nexus SX1	MC nexus gradient	MC nexus	MC nexus GX2
Page(s)	252	252	252	252	253
Dimensions (W × D × H)	25 × 41.2 × 32.1 cm	25 × 41.2 × 32.1 cm	25 × 41.2 × 32.1 cm	25 × 41.2 × 32.1 cm	25 × 41.2 × 33 cm
2D-Gradient block	–	–	–	–	–
Gradient block	Over 12 rows (0.2 mL)	–	Over 12 rows (0.2 mL)	–	Over 8 rows (0.2 mL)
Heating rate	5 °C/s [1]	5 °C/s [1]	3 °C/s [1]	3 °C/s [1]	3 °C/s [1]
Cooling rate	3.5 °C/s [1]	3.5 °C/s [1]	2 °C/s [1]	2 °C/s [1]	2 °C/s [1]
Interfaces	CAN_in/CAN_out, Ethernet, USB	CAN_in/CAN_out, Ethernet, USB	CAN_in/CAN_out, Ethernet, USB	CAN_in/CAN_out, Ethernet, USB	CAN_in/CAN_out, Ethernet, USB
Lid descent	flexlid® technology, with TSP	flexlid® technology, with TSP	flexlid® technology, with TSP	flexlid® technology, with TSP	flexlid® technology, with TSP
Lid temperature range	37 – 110 °C	37 – 110 °C	37 – 110 °C	37 – 110 °C	37 – 110 °C
Sample capacity	96 × 0.2 mL PCR vessels, 1 PCR plate (96 wells)	96 × 0.2 mL PCR vessels, 1 PCR plate (96 wells)	96 × 0.2 mL PCR tubes, 1 PCR plate (96 wells) or 38 × 0.5 mL PCR tube positions	96 × 0.2 mL PCR tubes, 1 PCR plate (96 wells) or 38 × 0.5 mL PCR tube positions	64/32 × 0.2 mL PCR tubes or 24/10 × 0.5 mL PCR tube positions
Gradient temperature range	30 – 99 °C	–	30 – 99 °C	–	30 – 99 °C
Temperature control range of the block	4 – 99 °C	4 – 99 °C	4 – 99 °C	4 – 99 °C	4 – 99 °C
Thermoblock	Silver	Silver	Aluminum	Aluminum	Aluminum
Remote Device Monitoring and Notifications (VisioNize®)	VisioNize-qualified	VisioNize-qualified	VisioNize-qualified	VisioNize-qualified	VisioNize-qualified

Eppendorf twin.tec® PCR Plates LoBind

Eppendorf twin.tec® PCR Plates

Eppendorf twin.tec® *real-time* PCR Plates

Model	Eppendorf twin.tec® PCR Plate 384	Eppendorf twin.tec® PCR plate 96 LoBind	Eppendorf twin.tec® PCR Plates 384 LoBind	Eppendorf twin.tec® *microbiology* PCR Plate 96	Eppendorf twin.tec® 96 *real-time* PCR Plates
Page(s)	259	259	259	260	261
Number of wells	384 wells	96 wells	384 wells	96 wells	96 wells
Total volume per well	40 µL	150 or 250 µL	40 µL	150 or 250 µL	150 or 250 µL
OptiTrack® frame color	colorless yellow green blue red	colorless yellow green blue red	colorless	colorless blue	white blue

SELECTION GUIDE