



# Perfect Asymmetry

The Mastercycler® nexus X2 with two totally independent protocols

# The Mastercycler® nexus X2

The Mastercycler nexus X2 gives you the ability to run two totally independent protocols at the same time. Smaller assays fit nicely on the 32-well-block—larger assays can exceed 48 samples and run on the 64-well-block. The larger block is available with a gradient function.

As every member of the Mastercycler nexus family, the Mastercycler nexus X2 can be combined with all other family members in a network of up to 3 units. That allows you to install the best solution for your needs and benefit from the same intuitive software on all your PCR devices.

In combination with Eppendorf's PCR Tubes, PCR Strips or divisible plates, the Mastercycler nexus X2 will give you consistent and publishable results—every day!

## Product features

- > Large block for large assays—small block for small assays.
- > Universal block for strips, 0.2 mL and 0.5 mL PCR tubes
- > Intuitive graphic programming (optional mouse use)
- > Optional gradient for PCR optimization
- > E-mail notification
- > Combine up to 3 units for maximum throughput!





## Benefits at your fingertips:

Two independent blocks of different sizes provide a lot of flexibility.  
 Combine up to 3 units for higher throughput.  
 Low noise, low power consumption, intuitive software.

### Technical Specifications

Block homogeneity:	
20 °C–72 °C	≤ ±0.3 °C
95 °C	≤ ±0.4 °C
Heating rate*	ca. 3 °C/s
Cooling rate*	ca. 2 °C/s
Max. power consumption	700 W
Block temperature accuracy	± 0.2 °C
Sound power levels	< 40 dB(A)
Temperature control range of the block	4–99 °C
Temperature control mode	Fast, Standard, Safe
Gradient range	12 °C
Gradient temperature range	30–99 °C
Lid temperature range	37–110 °C
Dimensions (W × D × H)	25 × 41.2 × 33 cm
Weight	11 kg (24.2 lbs)

\* Heating and cooling rates measured at block





# Ordering Information

Description	International Order no.	North America Order no.
<b>Mastercycler® nexus GX2</b>	6336 000.015	6336000023
<b>Mastercycler® nexus X2</b>	6337 000.019	6337000027
<b>Mastercycler® nexus GX2e</b>	6338 000.012	6338000020
<b>Mastercycler® nexus X2e</b>	6339 000.016	6339000024
<b>Eppendorf PCR Tubes</b>		
0.2 mL PCR Tubes, thin-walled with hinged lid (1000 tubes)	0030 124.332	951010006
0.5 mL PCR Tubes, thin-walled with lid (500 tubes)	0030 124.537	0030124537
8-tube strip, for 0.2 mL PCR Tubes (10 × 12 pieces)	0030 124.359	951010022
PCR Tube Strips 0.1 mL, without caps (10 × 12 pieces)	0030 124.804	0030124804
PCR Tube Strips 0.1 mL + Cap Strips, domed (10 × 12 pieces each)	0030 124.812	0030124812
PCR Tube Strips 0.1 mL + Cap Strips, flat (10 × 12 pieces each)	0030 124.820	0030124820
Cap Strips, domed (8-strips), 10 × 12 pcs.	0030 124.839	0030124839
Cap Strips, flat (8-strips), 10 × 12 pcs.	0030 124.847	0030124847
<b>twin.tec PCR Plate 96, unskirted (250 µL), 20 pcs.</b>		
Clear (divisible)	0030 133.374	0030133374
Blue (divisible)	0030 133.404	0030133404
<b>twin.tec PCR Plate 96, unskirted low profile, 20 pcs.</b>		
Clear (divisible)	0030 133.358	0030133358
Blue (divisible)	0030 133.382	0030133382

Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)  
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