

Press Release

Eppendorf Mastercycler® X50 wins German Design Award 2018

Hamburg, October 2017

Amplifying nucleic acids for further downstream processing is a cornerstone of modern molecular biology and medical research. This temperature dependent process needs utmost precision in temperature control. At the same time, the procedure needs to be as fast as possible, i.e. temperature changes need to be facilitated at high speeds. The Mastercycler X50 from Eppendorf combines the capabilities of high speed (Heating of 10°C/s) with utmost precision ($\pm 0.15^\circ\text{C}$). High speeds, especially in cooling, can be supported by large heat sinks and strong ventilation. However, large footprints and strong ventilation noises need to be avoided in molecular biology labs. Thus, product design features like ventilating from front to back (and not to the sides where other instruments can be placed) and including powerful heat sinks in small footprints have to be brought to perfection.

The German Design Award 2018 acknowledges and honors Eppendorf's strive for perfection in designing the Mastercycler X50. The highly esteemed and independent jury values unique design trends and pioneering contributions to the product design landscape.

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About Eppendorf AG:

Eppendorf is a leading life science company that develops and sells instruments, consumables, and services for liquid handling, sample handling, and cell handling in laboratories worldwide. Its product range includes pipettes and automated pipetting systems, dispensers, centrifuges, mixers, spectrometers, and DNA amplification equipment as well as ultra-low temperature freezers, fermentors, bioreactors, CO₂ incubators, shakers, and cell manipulation systems. Consumables such as pipette tips, test tubes, microliter plates, and single-use bioreactor vessels complement the range of highest-quality premium products.

Eppendorf products are most broadly used in academic and commercial research laboratories, e.g., in companies from the pharmaceutical and biotechnological as well as the chemical and food industries. They are also aimed at clinical and environmental analysis laboratories, forensics, and at industrial laboratories performing process analysis, production, and quality assurance.

Eppendorf was founded in Hamburg, Germany in 1945 and has more than 3,000 employees worldwide. The company has subsidiaries in 26 countries and is represented in all other markets by distributors.

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