

Temperature Performance Eppendorf ThermoMixer® C with individual Eppendorf SmartBlocks

With the new generation of Eppendorf ThermoMixer individual data regarding the temperature performance are available for each Eppendorf SmartBlock. Detailed specifications are listed below:

Eppendorf ThermoMixer® C with Eppendorf SmartBlock

	0.5 ml	1.5 ml	2.0 ml	cryo	12 mm	PCR 96	PCR 384	Plates	5 ml	15 ml	50 ml
Minimum temperature below ambient temperature	max. 15 °C						max. 13 °C				
Max. temperature accuracy 20–45 °C	+/- 0.5 °C						+/- 1 °C				
Max. temperature accuracy <20 °C and >45 °C	+/- 1 °C						+/- 4 °C				
Max. temperature homogeneity 20–45 °C	+/- 0.5 °C										
Max. homogeneity <20°C or >45°C	+/- 1 °C						+/- 2 °C				
Max. heating rate (in °C/min)	6 °C						7 °C	5.5 °C	4 °C		
Max. cooling rate above ambient temperature (in °C/min)	2.5 °C						3 °C	2 °C			
Max. cooling rate below ambient temperature (in °C/min)	0.8 °C						1 °C	0.5 °C	0.3 °C		

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