

10 Technical data

10.1 Power supply

Tab. 10-1: Themomixer 5350 and 5355

Voltage	100 – 240 V $\pm$ 10 %,
Frequency	50 - 60 Hz
Fuses	see nameplate or label on the rear of the device
Power consumption	90 W

Tab. 10-2: Thermostat 5352

Voltage	100 – 240 V $\pm$ 10 %, The voltage is automatically adapted.
Frequency	50 - 60 Hz
Fuse at 100 to 240 V	T1, 6 A, 250 V (2 pieces)
Power consumption	75 W
Maximum current consumption	< 0,8 A
Protection class	I
Overvoltage category	II (IEC 61010-1)
Degree of pollution	2 (IEC 664)

10.2 Ambient conditions

Tab. 10-3: Thermomixer 5350 and 5355

Environment:	For indoor use only
Ambient temperature	4 – 35 °C
Maximum relative humidity	70 %

Tab. 10-4: Thermostat 5352

Ambience	For indoor use only
Ambient temperature	4 – 40 °C
Maximum relative humidity	80 %

Technical data

Thermomixer 5350 / 5355 Thermostat plus 5352
English (EN)

10.3 Weight/dimensions

Tab. 10-5: Thermomixer 5350

Dimensions	Width: 165 mm Depth: 250 mm Height: 145 mm
Weight basic device	2.4 kg

Tab. 10-6: Thermostat 5352

Dimensions	Width: 220 mm Depth: 250 mm Height: 125 mm
Weight	5.0 kg

Tab. 10-7: Thermomixer 5355

Dimensions	Width: 220 mm Depth: 250 mm Height: 125 mm
Weight	3.2 kg

10.4 Application parameters

Tab. 10-8: Thermomixer 5350

Temperature control range	4 °C above room temperature up to 99 °C
Temperature accuracy • at nominal values <20 °C and >45 °C • at set values between 20 °C and 45 °C	• ± 2 °C • ± 1 °C
Heating rate	approx. 5 °C/min Temperature changes proceed slower inside filled vessels.
Mixing frequency	300 rpm – 1,400 rpm
Mixing stroke	3 mm (circular path)