

The M-240 and M-240R rank among the fastest centrifuges in their class – with a maximum speed of 14,000 RPM and an RCF of 18,626. Not only are they fast, the M-240R also refrigerates quickly: to +4°C with the Fast Cool function in 10 to 15 minutes.

Even thermosensitive samples can be gently centrifuged thanks to highly reliable refrigeration. Best separation results are guaranteed with the smooth-running, high-performance motor featuring a maintenance-free frequency drive. With the optional autoclavable and aerosol-tight accessories, even infectious materials can be processed safely for both the user and the environment.



## User-Friendliness

- ▶ Automatic lid locking
- ▶ Quick-entry foil keypad
  - Easy-to-read, digital display
  - Display of current parameter values
  - Select key for parameter selection
  - Impulse key for short centrifuging
  - Open lid key
  - RCF key
  - Twist knob to enter values
  - RPM in increments of 10
- ▶ Running time in minutes, max. 99 min
- ▶ Temperature in increments of 1°C (M-240R)
- 4 programmable memories

## Refrigeration (M-240R)

- ▶ Infinitely variable setting from -10 °C to +40 °C
- ▶ Fast Cool function in 10 - 15 min to +4 °C
- ▶ Stand-by mode maintains the set temperature
- ▶ Automatic refrigeration switch-off when the lid is opened

## Safety

- ▶ Lid dropping protection
- ▶ Lid locking and holding
- ▶ Emergency lid lock release
- ▶ Motor overheating protection
- ▶ Chamber overheating protection
- ▶ Imbalance switch-off
- ▶ Standstill indication
  - with the refrigerated model M-240R the LED in the Open key lights up with the M-240 the lid opens automatically after the rotor has come to a standstill



The M-240 / M-240R conform to safety regulations such as IEC 1010-2-2, all relevant EC standards and DIN norms and have been manufactured under ISO 9000

## Technical details






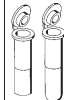



	M-240	M-240 R
· Dimensions in mm (HxWxD)	260 x 275 x 347	260 x 281 x 547
· Net weight	approx 11,5 kg	28 kg
· Radio interference	EN 55011 ISM class B	
· Immunity	EN 50082-2	
· Centr. chamber temp.	as per DIN 58970	




Code	Description
BOE 02400-13	BOECO centrifuge M-240, 220-240V, 50-60 Hz, without rotor
BOE 02400-12	BOECO centrifuge M-240, 100-127V, 50-60 Hz, without rotor
BOE 02405-13	BOECO refrigerated centrifuge M-240R, 220-240V, 50-60 Hz, without rotor
BOE 02405-12	BOECO refrigerated centrifuge M-240R, 100-127V, 50-60 Hz, without rotor

all rotors:  
max. RPM: 14,000 min<sup>-1</sup>  
autoclavable



	angle rotor, 24-place	angle rotor, 30-place	angle rotor, for PCR strips
angle	50°	45°	45°
max. RCF	18,626	17,749	12,490
radius in mm	85	81	57
run-up in s (at level 9)	13	10	9
braked run-down in s (at level 9)	15	13	13
lowest attainable temperature in M-240R at max. speed	+4	+4	+4
Cat. No.	02424	02430	02418

tubes per rotor	24						30	32	4 x 8
capacity ml	0.2	0.4	0.5	0.8	1.5	2.0	0.5	0.2	0.2
microlitre tubes									
dimensions Ø x L in mm	6 x 18	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38	8 x 30	6 x 18	-
Cat. No.	-	-	-	-	02078	00536	-	-	-

adapters			
Cat. No.	02024	02023	02031*

\* form-fitting adapter, recommended for centrifugation at high speed

lid	inclusive	inclusive	optional
Cat. No.	-	-	OE 2040
lid, aerosol-tight and autoclavable	optional	optional	-
Cat. No.	02425	02425	-
lid, phenol-resistant, aerosol-tight and autoclavable	optional	optional	-
Cat. No.	02423	02423	-



lid E 2040



lid 2425,  
aerosol-tight and autoclavable

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We reserve the right to make changes in technical specification.