



## MIKRO 200/200R

The MIKRO 200 and 200 R 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 MIKRO 200 R also refrigerates quickly.

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 autoclavable and aerosol-tight accessories, even infectious materials can be processed safely for both the user and the environment.



MIKRO 200R control panel  
(N plus control panel)



MIKRO 200R cooled



MIKRO 200 classic

### USER-FRIENDLINESS

- Powered 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 (MIKRO 200R)
- 4 programmable memories

### REFRIGERATION (MIKRO 200 R)

- Infinitely variable setting from -10 °C to +40 °C
- Fast Cool function
- 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 MIKRO 200R the LED in the Open key lights up
  - with the MIKRO 200 the lid opens automatically after the rotor has come to a standstill



## ROTORS AND ACCESSORIES

	angle rotor, 24-place	angle rotor, 30-place	angle rotor, 20-place for cryo tubes	angle rotor, 4-place for PCR strips	
	 ↙40°	 ↙45°	 ↙40°	 ↙45°	
<b>all rotors:</b>	<ul style="list-style-type: none"> <li>• max. RPM: 14,000 min<sup>-1</sup></li> <li>• autoclavable</li> </ul>				
max. RCF	18,626	17,740	18,407	12,400	
radius in mm	85	81	84	57	
run-up in sec (at level 9)	13	10	13	9	
braked run-down in sec (at level 9)	15	13	15	13	
lowest attainable temperature in MIKRO 200R at max. speed in °C	+4	+4	+4	+4	
boring Ø x L in mm	11,2 x 42,6	8,1 x 30,3	12,5 x 36	6,5 x 15,5	
<b>Cat. No.</b>	<b>2424</b>	<b>2430</b>	<b>2426</b>	<b>2419</b>	
tubes per rotor	24		20	02	4 x 8
capacity in ml	0,2	0,4	0,5	0,8	1,5
<b>microlitre tubes</b>					
dimensions Ø x L in mm	6 x 18	6 x 45	8 x 30	8 x 45	11 x 38
<b>Cat. No.</b>	-	-	-	<b>2076</b>	<b>0596</b>
<b>adapters</b>					
boring Ø x L in mm	6 x 40	8 x 40	10,2 x 19		
<b>Cat. No.</b>	<b>2024</b>	<b>2023</b>	<b>2031</b>		
lid	inclusive	inclusive	inclusive	optional	
<b>Cat. No.</b>	-	-	-	<b>E2040</b>	
lid, autoclavable, with bio-containment <sup>1)</sup>	optional	optional	optional	-	
<b>Cat. No.</b>	<b>2425</b>	<b>2425</b>	<b>2425</b>	-	
lid, autoclavable, phenol-resistant, with bio-containment <sup>1)</sup>	optional	optional	optional	-	
<b>Cat. No.</b>	<b>2423</b>	<b>2423</b>	<b>2423</b>	-	

<sup>1)</sup> form-fitting adapter, phenol-resistant, recommended for centrifugation at high speed  
<sup>2)</sup> tested by TÜV in conformity with DIN EN 61010, part 2-020



lid E2040



lid 2425 with bio-containment <sup>1)</sup>, autoclavable



lid 2423 with bio-containment <sup>1)</sup>, autoclavable, phenol-resistant