

# ELMI CM-7S Plus bench top centrifuge

has improved performance,  
extending the range of application of the device.

## Key features.

- Rotor speed range from 100 to 3500 rpm.
- The maximum RCF - 2300 g.
- 6 types of rotors for test tubes of different types.
- Imbalance sensor.
- Setting and displaying on the LCD display parameters of the countdown timer and the speed of rotor rotation RPM and RCF.
- 6 levels of braking.
- Lid locks during operation.
- Automatic lid unlock and sound alarm after the rotor has stopped.
- Safe fulfilment with thickened lid and steel rotor vat.
- Practically unlimited mode of continuous operation.



## Fulfilment, display and controls



Application of stainless steel by the rotor and centrifuge inner surfaces provide additional security and make it easier to asepticize.



Controls are made by a separate block of buttons, which eliminates the possibility of accidental resetting of settings and makes everyday work more intuitive and comfortable.



Using thoughtful navigation and a color LCD display, the settings are made easily and quickly.



The user settings menu allows to make the device as convenient as possible meeting the personal requirements of the operator.

## TECHNICAL SPECIFICATIONS

Applied rotors		6
Countdown timer	min.	1 min - 12 hours
Rotor rotation speed	RPM	100-3500
Maximal centrifuga force RCF	G	2300
Accuracy of RPM maintainance	%	±2
Temperature range	°C	from +10 to +40
Relative air moisture at 20 °C	%	80
Voltage and frequency	V, Hz	100 - 240; 50/60
Maximal consumable power	Wt	250
Dimintions (L x W x H)	Mm	430 x 415 x 220
Max. heating the tubes above room temp.	°C	8
Weight	Kg	13.8

# Rotors

## Rotor 6M

Universal rotor for 12 stainless steel adapters.  
Nominal volume of applied test tubes: 12 ml.  
Nominal size of applied tubes (L / W): 115 / 16.8 mm.  
Max. centrifugation speed: 3500 rpm.  
It is allowed to use 12 tubes 135 mm long, 15 ml volume.  
Allowed to aspticize in an autoclave at temperatures up to 134 ° C.



## Rotor 6M.02

Universal rotor for 24 stainless steel adapters.  
Nominal volume of used test tubes: 12 ml.  
Nominal size of the used tubes: (L / W) 115 / 16.8  
Max. centrifugation speed: 3500 rpm.  
In the outer row appliance of tubes of 140mm length, 15ml volume is allowed.  
Allowed to aspticize in an autoclave at temperatures up to 134 ° C.



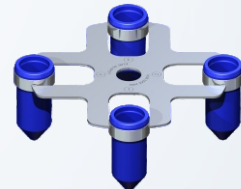
## Rotor 6M.05

Universal rotor for 12 adapters, stainless steel, with an operating angle of 10 °.  
The maximum volume of used tubes: 15 ml.  
The maximum size of the used tubes (LxD): 140 x 16.8 mm.  
Maximum centrifugation speed: 3500 rpm.  
The inclination of the adapters at 10 ° doesn't allow the tubes to touch the rotor during operation.  
Allowed to aspticize in an autoclave at temperatures up to 134 ° C.



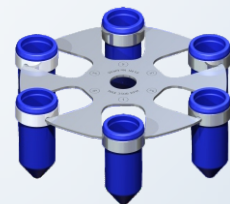
## Rotor 6M.01

Universal rotor for 4 adapters.  
The maximum volume of used tubes: 50 ml.  
The maximum size of the used tubes (L / W): 135/30 mm.  
Maximum centrifugation speed: 3500 rpm.



## Rotor 6M.06

Universal rotor for 6 adapters.  
The maximum volume of used tubes: 50 ml.  
The maximum size of the used tubes (L / W): 135/30 mm.  
Maximum centrifugation speed: 3500 rpm.



## Rotor 6M.07

Universal rotor for 6 adapters for 15ml tubes and 2 adapters 50ml.  
Max. the size of the tubes used (LxD): 115 x 16.8 mm / 135 x 30 mm.  
Maximum centrifugation speed: 3500 rpm.

