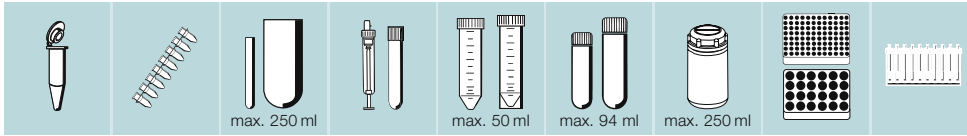


ROTANTA 460 Robotic




Faster – automatically

The ROTANTA 460 Robotic models are refrigerated centrifuges with PC control and rotor positioning. They are ideal for use wherever sample processing can be automated. Especially in genetic and pharmaceutical research, these centrifuges can significantly contribute to rationalisation of routine tasks.



TECHNOLOGY

ROTANTA 460 Robotic

| Floorstanding centrifuge, without rotor | | cooled | | | |
|--|-------------|---------------------------|----------------|----------------|-------------|
| | | rear hatch | front hatch | rear hatch | front hatch |
| Power supply ^{*)} | | 230–240 V 1 ~ | | 110–120 V 1 ~ | |
| Frequency | | 50–60 Hz | | 50–60 Hz | |
| Consumption | | max. 1,800 VA | | | |
| Emission, Immunity | | EN / IEC 61326-1, class B | | FCC class A | |
|  Max. capacity ^{**)} | | 4 x 250 ml | | | |
| Max. RPM (speed) | | 6,200 min ⁻¹ | | | |
| Max. RCF | | 6,446 | | | |
| Permissible density | | 1.2 kg / dm ³ | | | |
| Dimensions (H x W x D) | | 684 x 554 x 697 mm | | | |
| Weight | | 159 kg | | | |
| Temperature control, infinitely variable | | from -20 to +40 °C | | | |
| Cat. No. | 5680 | 5680-10 | 5680-01 | 5680-11 | |

^{*)} Other voltages on request.

^{**)} Basically, the ROTANTA 460 accepts a max. capacity of 4 x 750 ml. This capacity, however, requires accessories that are of only limited suitability for robotic applications. Details on request.

Selected standard accessories



Swing-out rotor, 4-place
illustrated with carriers 5626-R
 $n = 4,600 \text{ min}^{-1}$, max. RCF = 4,258

Cat. No. 5699-R (without carriers)



Swing-out rotor, 2-place
illustrated with carriers 4623-R
 $n = 6,200 \text{ min}^{-1}$, max. RCF = 6,446

Cat. No. 4620 (without carriers)



Swing-out rotor, 4-place
illustrated with carriers 4463-R
 $n = 4,500 \text{ min}^{-1}$, max. RCF = 4,460

Cat. No. 4444 (without carriers)



Swing-out rotor, 4-place
illustrated with carriers 4465-R
 $n = 4,500 \text{ min}^{-1}$, max. RCF = 4,302

Cat. No. 4444 (without carriers)

Solutions specific to customer needs

ROTANTA 460 Robotic centrifuges can be integrated in any workstation. However, automated applications require customized solutions. In addition to our standard range of accessories we therefore manufacture special carriers and inserts that can be tailored to your robot.

Please advise us of your requirements!

Examples of special fabrications

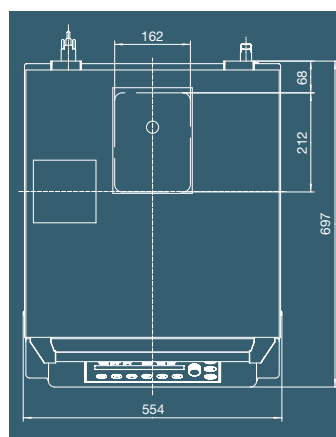


Removal aid in the 4623-R carrier



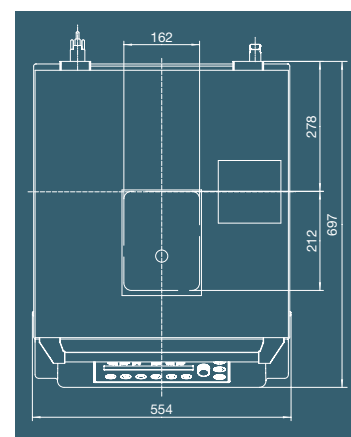
Insert in the 4465-R carrier

Rear access of the robotic arm



Cat. Nos. 5680/5680-01

Front access of the robotic arm



Cat. Nos. 5680-10/5680-11

A sliding hatch in the lid opens before and after every centrifuging cycle and allows loading and unloading of the rotor with a robotic arm. Two lid versions are available as standard equipment, depending on whether robotic access is at the front or the back of the lid. By means of the dimensioned drawings, the location of the centrifuge can be defined precisely before delivery.