

UEC Force 16 / 16R

Microliter Centrifuge

Small footprint

- Max. RCF: 25.000 x g
- Max. speed: 16.200 rpm
- Available with refrigerating system
- A wide usage of programming options
- Save up to 10 different data sets
- Quiet maintenance-free operation without any carbon dust pollution is guaranteed.
- Easy to clean



UEC Force 16

Technical Data	UEC Force 16	UEC Force 16 R
Code for 230 V 115 V	456.500 1456.500	456.700 1456.700
Power supply	230 V / 50-60 Hz 115 V / 50-60 Hz	
Power consumption centrifuge compressor	600 W /	600W 300W
Fuses	2x 10 AT – 230V 2x 16 AT – 115V	
Isolation category	I	
Max. rotation speed	500 to 16.200 rpm	
Max. centrifugal force	25.000 x g	
Max. load	30 x 2.0 ml	
Max. kinetic energy	6,200 Nm	
Max. density of material to be centrifuged		
Time	0 – 99 min, HOLD function	
Program settings	10 programs	
Acceleration	0 – 9 level	
Deceleration	0 – 9 level	
Range of control for refrigeration	/	-9 °C to 40 °C
Refrigeration time >>fast cool<<	/	20 °C to 4 °C in app. 10 min
Sample temp. at max. speed	15 °C	0 °C (ambient temp. 20 °C)
Cooling medium	/	R 404A
Permitted ambient temp.	2 °C to 35 °C	
Permitted max. rel. air humidity	75%	
Communication	RS232	
Dimensions (H x W x D)	230 x 308 x 394 mm	282 x 360 x 665 mm
Weight	18 Kg	50 Kg


The UEC Force 16/16R Microliter Centrifuge is a universal laboratory centrifuge, designed for use in medical, industrial and scientific laboratories for separating substances with different relative.


Device is equipped with user-friendly options which make the operation and standard settings easier for you. Built-in error- detecting functions keep the user from entering incorrect values and check the complete operation. The centrifuge always keeps the last run program in its memory for an unlimited amount of time – even if the centrifuge was turned off during operation

We are able to offer you a device that combines functional variety with practical applications.

Accessories for centrifuge UEC Force 16 / 16R

Angle rotor RA 24 incl. aluminium lid

	Code	456.2.600
	Max. capacity	24 x 2.0 ml
	Max. speed	16.200 rpm
	Max. centrifugal force	25.000 x g
	Radius	86 mm
	Acceleration to max. speed	16 sec.
	Braking from max. speed	15 sec.

	Code	456.2.620
	Max. capacity	30 x 2.0 ml
	Max. speed	14.000 rpm
	Max. centrifugal force	21.475 x g
	Radius	98 mm
	Acceleration to max. speed	15 sec.
	Braking from max. speed	14 sec.

Angle rotor Ra 30 incl. aluminium lid