

Benchtop Centrifuges UNIVERSAL 320 / 320 R, HETTICH

Benchtop centrifuges UNIVERSAL 320 / 320 R

Microprocessor-controlled bench-top centrifuge, with numerous accessories and outstanding performance data. A „universal“ solution in the true sense of the word. A must for every medium-size and large laboratory in the medical, research or industrial sectors. With impulse key for fast spin, motor-powered lid lock, 10 program memory slots. Fast and easy parameter input on the membrane keypad and by rotary button. Display of actual status during operation.

Technical data:

External dimensions (WxDxH):	395 × 520 × 346 mm (UNIVERSAL 320)
	401 × 695 × 346 mm (UNIVERSAL 320 R)
Weight:	approx. 29 kg (UNIVERSAL 320) / 53 kg (UNIVERSAL 320 R)
Power supply:	200 to 240 V, 50/60 Hz (UNIVERSAL 320)
	200 bis 240 V, 50 Hz / 240 V, 60 Hz (UNIVERSAL 320 R)
Connected load:	400 VA (UNIVERSAL 320)
	800 VA (UNIVERSAL 320 R)
Max. speed:	15000 min ⁻¹
Max. RCF:	21382
Max. capacity:	4 × 100 ml / 32 × 15 ml
Interference suppression:	EN 55011 Gr. 1, Class B, EN 61000-3-2, EN 61000-3-3
Cooling UNIVERSAL 320 R:	adjustable from -20°C to +40°C, with precooling function

Article	Order No.
① UNIVERSAL 320, benchtop centrifuge without rotor	55 56 11401
② UNIVERSAL 320 R, benchtop refrigerated centrifuge without rotor	55 56 11406

Accessories

Article	Order No.
Swing-out rotor, without suspension gear	55 56 11494
for max. 4 × 100 ml, max. RCF 4193	
Swig-out rotor, without suspension gear	55 56 11624
for max. 4 × 100 ml or 4 slide samples, max. RCF 2665	
Round bucket, alloy, 50 ml, fits in rotor 1324	10 56 11398
Round bucket, alloy, 100 ml, fits in rotor 1324	10 56 11390
Round bucket, alloy, 100 ml, fits in rotor 1624	55 56 11381
Lid for bucket 1381, 1430 and 1390, aerosol-tight	55 56 11382
Swing-bucket rotor for max. 8 × 15 ml, without suspension gear	55 56 11611
Swing-bucket rotor for max. 8 × 50 ml conical tubes	55 56 11617
with screw cap, with suspension gear	
Swing-bucket rotor for max. 6 × 50 ml conical tubes	55 56 11619
with screw cap, with suspension gear	
Swing-bucket rotor for max. 12 × 15 ml, without suspension gear	55 56 11628
③ Swing-bucket rotor for max. 4 × 100 ml, without suspension gear	10 56 11324
④ Swing-out rotor for 10 microtiter plates	10 56 11460
2-fold, without suspension gears	
⑤ Swing-out rotor for 4 microtiter plates	55 56 11645
4-fold, without suspension gears	
Fixed-angle rotor for max. 6 × 85 ml	55 56 11720
⑥ Fixed-angle rotor for 32 × 15 ml	10 56 11418
Fixed-angle rotor for max. 12 × 15 ml, max. RCF 4146	55 56 11613
⑦ Fixed-angle rotor for max. 12 × 15 ml, max. RCF 16582	55 56 11615
⑧ Fixed-angle rotor for 12 × 1.5/2 ml, with cover	55 56 11612
Fixed-angle rotor for 24 × 1.5/2 ml, with standard cover	55 56 11420
Lid for rotor 1420, 2424, 2426, 2427 and 2430	55 56 12425
aerosol-tight and autoclavable	
Lid for rotor 1420, 2424, 2426, 2427 and 2430	55 56 12423
aerosol-tight, autoclavable and phenol-resistant	
⑨ Fixed-angle rotor for 30 × 1.5/2 ml, with cover, aerosol-tight	10 56 11690
⑩ Hematocrit rotor for 24 standard capillaries	55 56 11650
with lid as evaluation disk	
Zyto rotor for 6 microscope slide samples, without suspension gear	55 56 11626
Zyto rotor for 8 microscope slide samples, with suspension gear	55 56 11648

More accessories on request.

