

UNIVERSAL 320 | R

BLOOD / CELL CULTURE / URINE / CYTOLOGY / PLATES

Maximum versatility in a compact footprint. The UNIVERSAL 320 occupies minimal bench space at a width of only 395 mm (15.5 inches), with or without temperature control. Capable of spinning a variety of standard tubes, plates, cytology clips and bottles (up to 200 ml), the UNIVERSAL 320 centrifuge offers true all-in-one capability.

UNIVERSAL solution for your dynamic laboratory. Given its vast capability, the UNIVERSAL 320 provides flexible solutions for dynamic workflows. Multiple UNIVERSAL 320's offer increased productivity and multi-batch processing with a comparative footprint and cost of one large benchtop.

Eliminate the need to purchase an expensive dedicated cytocentrifuge. The UNIVERSAL 320 performs multiple applications including cytology, in the same centrifuge, saving you money and bench space. Hettich's 12-place Clip Rotor is capable of spinning 0.2 to 6 ml single, double or large funnel formats with optional bio-containment, eliminating the need to purchase an expensive dedicated cytocentrifuge. Learn more about the Hettich Cyto-System for complete cytology solutions.




MODEL	UNIVERSAL 320	UNIVERSAL 320 R
Max. Capacity	4 x 200 ml, 6 x 94 ml	4 x 200 ml, 6 x 94 ml
Max. RPM / RCF	15,000 / 21,382	15,000 / 21,382
Max. Blood Tubes*	40 (13 x 75) [†] , 28 (16 x 75/100), 16 (16 x 125)	40 (13 x 75) [†] , 28 (16 x 75/100), 16 (16 x 125)
Max. Conical Tubes*	16 (15 ml), 8 (50 ml)	16 (15 ml), 8 (50 ml)
Temperature Control	Ambient	-20 °C to +40 °C
Dims (H x W x D)	14 x 16 x 20.5 in.	14 x 16 x 27 in.
Warranty [†]	5 yr	5 yr

*Please inquire about the fit of your specific tube dimensions. † Warranty valid in U.S. and Canada only, see warranty statement for complete details.


[Click here to learn more.](#)

UNIVERSAL 320 | R CENTRIFUGE PACKAGES


UNIVERSAL 320 CONICAL TUBE PACKAGE - 5 mL - BIO-CONTAINMENT

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF
	16	5 Conical	17 x 59	≤ 4,500	≤ 3,328
Includes: (1) Centrifuge, (1) Horizontal Rotor, (4) Buckets, (4) Adapters 5 mL conical, (4) Bio-containment Lids					


UNIVERSAL 320 BLOOD TUBE PACKAGE

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF
	28	1.6 - 7	13 x 75/100	≤ 5,000	≤ 3,913
	28	4 - 10	16 x 75/100	≤ 5,000	≤ 3,913
Includes: (1) Centrifuge, (1) Horizontal Rotor, (4) Buckets, (4) Adapters 13 x 75/100 mm, (4) Adapters 16 x 75/100 mm					


UNIVERSAL 320 BLOOD TUBE PACKAGE - 4 - BIO-CONTAINMENT

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF
	28	1.6 - 5	13 x 75/100	≤ 4,500	≤ 3,215
	20	4 - 10	16 x 75/100	≤ 4,500	≤ 3,215
Includes: (1) Centrifuge, (1) Horizontal Rotor, (4) Buckets, (4) Adapters 13 x 75/100 mm, (4) Adapters 16 x 75/100, (4) Bio-lids					


UNIVERSAL 320 URINALYSIS PACKAGE

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF
	12	12 KOVA	17 x 102	≤ 4,500	≤ 3,102
Includes: (1) Centrifuge, (1) Horizontal Rotor, (4) Buckets, (4) Adapters KOVA					


UNIVERSAL 320 CELL CULTURE PACKAGE - 4

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF
	16	15 Conical	17 x 120	≤ 4,500	≤ 3,305
	4	50 Conical	29 x 115	≤ 4,500	≤ 3,260
Includes: (1) Centrifuge, (1) Horizontal Rotor, (4) Buckets, (4) Adapters 15 mL, (4) Adapters 50 mL					


UNIVERSAL 320 CELL CULTURE PACKAGE - 4 - BIO-CONTAINMENT

	Tube Qty	Volume (mL)	Size (mm)	RPM	RCF
	8	15 Conical	17 x 120	≤ 4,500	≤ 3,328
	4	50 Conical	29 x 115	≤ 4,500	≤ 3,328
Includes: (1) Centrifuge, (1) Horizontal Rotor, (4) Buckets, (4) Adapters 15 mL, (4) Adapters 50 mL, (4) Bio-containment Lids					


UNIVERSAL 320 CELL CULTURE PACKAGE - 8

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF
	8	15 Conical	17 x 120	≤ 4,500	≤ 3,260
	8	50 Conical	29 x 115	≤ 4,500	≤ 3,260
Includes: (1) Centrifuge, (1) Horizontal Rotor, (4) Buckets, (8) Adapters 15 mL, (8) Adapters 50 mL					

UNIVERSAL 320 PLATE PACKAGE

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF
	10	Microtiter	--	≤ 4,000	≤ 2,218
Includes: (1) Centrifuge, (1) Horizontal Rotor, (2) Buckets					

UNIVERSAL 320 CUSTOM PACKAGE

	Supports over 413 application configurations, please inquire for more information				
	Tube types include: Microliter up to 5 mL, Blood, Pediatric, Urine, Conical and Skirted up to 50 mL, Standard up to 100 mL, Plates, Bottles up to 200 mL, Cytology				



[Click here to learn more.](#)



ESBE Scientific
 80 McPherson Street
 Markham, Ontario L3R 3V6
Web: www.esbe.com
Toll free: 1.800.268.3477
Email: info@esbe.com



Hettich products are designed to help you achieve optimal results for your application and are built to perform to the specifications outlined in the operators manual. For application specific information and settings, please refer to your organizations standard operating procedure.

Prices, specifications and stock are current at the time of printing/publishing, subject to change without notice and are not to be combined with other offers/discounts or contract pricing. While quantities last.

Contact your local ESBE representative for details.

esbe.com