



CENTRIFUGES

UNIVERSAL 320

BLOOD / CELL CULTURE / URINE / CYTOLOGY / PLATES

Universal Appeal

The UNIVERSAL 320 is a compact, versatile and indispensable general-purpose centrifuge. Excellent performance and a comprehensive range of accessories enable the UNIVERSAL 320 to carry out virtually any centrifuging task.

MAX. CAPACITY	4 x 200 mL / 6 x 85 mL
MAX. RPM/RCF	15,000/21,382
TEMP. CONTROL	from -20 to +40°C (320 R)

Distributed by:



Model UNIVERSAL 320 without temperature control pictured.



QUIET OPERATION

Quiet as a normal conversation. Will not increase noise levels or contribute to distractions.



FUNCTIONAL DESIGN

Easy to lift lid with front-facing control panel for effortless interaction and programming.



ENHANCED SAFETY

Self-closing, auto-locking lid with steel latches. All-metal chamber provides reinforced security.



FIVE YEAR WARRANTY

All Hettich centrifuges are protected by our 5-year warranty and full technical support.



FULLY CERTIFIED

Engineered and manufactured in accordance with all relevant safety and production standards.



MADE IN GERMANY

German engineered and manufactured to be quiet, reliable and safe since 1904.


DIMS. (HxWxD): 13.6" x 15.6" x 20.5" (320) | 13.6" x 15.8" x 27.4" (320 R)

→ hettweb.com/universal320


HETTICH UNIVERSAL 320 APPLICATION PACKAGES




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

	Tube Qty.	Volume (mL)	Size (mm)	RPM	RCF	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	16	5 Conical	17 x 59	≤ 4,500	≤ 3,328	320CONICAL5-BC	320RCONICAL5-BC
	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	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	28	1.6 - 7	13 x 75/100	≤ 5,000	≤ 3,913	320BLOOD	320RBLOOD
	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	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	28	1.6 - 5	13 x 75/100	≤ 4,500	≤ 3,215	320BLOOD4-BC	320RBLOOD4-BC
	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	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	12	12 KOVA	17 x 102	≤ 4,500	≤ 3,102	320URINALYSIS	320RURINALYSIS
	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	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	16	15 Conical	17 x 120	≤ 4,500	≤ 3,305	320CELLCULTURE4	320RCELLCULTURE4
	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	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	8	15 Conical	17 x 120	≤ 4,500	≤ 3,328	320CELLCULTURE4-BC	320RCELLCULTURE4-BC
	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	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	8	15 Conical	17 x 120	≤ 4,500	≤ 3,260	320CELLCULTURE8	320RCELLCULTURE8
	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	PKG. NO.	PKG. NO. (TEMP. CONTROL)
	10	Microtiter	--	≤ 4,000	≤ 2,218	320PLATE	320RPLATE
	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						



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