

Pipette Tips

RAININ

Pipetting 360°



BioClean Ultra™

Guaranteed Purity

Hinged-lid Rack

Space-saving Refills

LTS® and Universal

Purity and Performance

Rainin BioClean Ultra Tips Deliver

METTLER TOLEDO

Enhanced Purity Standards

Guaranteed Quality and Performance

BioClean Ultra™ ... the new benchmark for tip purity and performance

BioClean has long been the standard for assuring customers that Rainin tips are pristine and free of biological contaminants. With BioClean Ultra, we've made these industry-leading measures for purity even more comprehensive. For proteomics researchers, we have added protein and protease to our testing regimen.

In concert with the development of the BioClean Ultra quality testing process, we redesigned the packaging for our racked tips, Green-Pak® and Green-Pak SpaceSaver® products. The result is an integrated rack and refill system that provides greater utility and ease of use, higher cleanliness and less environmental impact.

Why Rainin?

When it comes to purity, performance and attention to detail, we think you'll agree that no other tip, rack and refill system comes close.



BioClean Ultra = Ultra Pure

Our tips are manufactured in Class 100,000 cleanroom conditions, rigorously tested for a broad range of contaminants, including protein and protease, and carefully packaged to protect their purity.



Hinged Lid Also Lifts off

Thoughtful design and precision engineering have resulted in a hinge that holds the lid open at a full 120° – perfect for fully or partially loading an 8- or 12-channel pipette. Press further and it gently releases.



Opens with One Hand

The safety latch on the front of the rack prevents tips from accidental spills. The latch opens easily with gentle pressure from your thumb and index fingers.

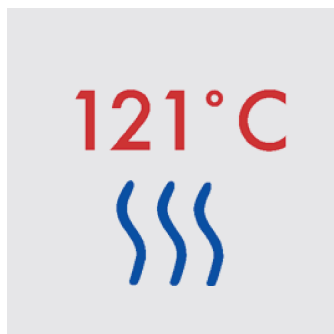
An integrated rack and refill system



Green-Pak SpaceSaver® (GPS)

Hinged/removable lid rack (RT)

Green-Pak® (GP)



Multichannel-Friendly

The walls of the tip box are tapered to allow full or partial tip loading from any angle. Even in hinged mode, the opened lid allows complete, unobstructed access to the tip deck.

Easy-Read Labels

High-resolution labeling on the front of the racks provides product details in an easy-read format. The colored tip decks extend along the perimeter of the box, making the volume readily apparent.

Less Plastic, Lighter Weight

Integrating the tip deck and base adds strength and stability. The result: we've reduced the amount of plastic used in each by an average of 20%. Less plastic means less weight and less plastic waste.

Fully Autoclavable

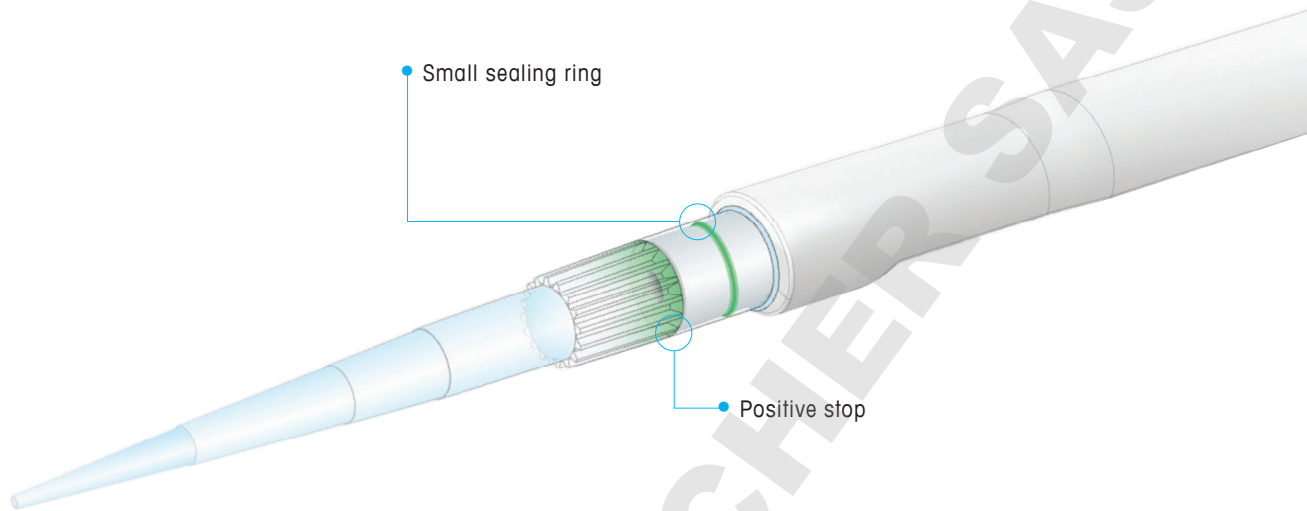
Our new racks are fully autoclavable and can withstand many trips through the autoclave. They're refillable with the Green-Pak single rack refill or from our SpaceSaver stacked refill system.

LTS LiteTouch System Tips

Standard, Filter, Low Retention, Wide Orifice and Extended Length

Item No.	Description	Max. Capacity
Hinged-lid RT-racks		
10	30389200 RT-LTS-A-10µL-960/10 960 LTS tips in 10 racks 20 µL	20 µL
	30389228 RT-LTS-A-10µL-/S-960/10 960 LTS tips in 10 racks, sterilized 20 µL	20 µL
	30389225 RT-LTS-A-10µL-/F-960/10 960 LTS tips in 10 racks, sterilized, filter 20 µL	20 µL
	30389227 RT-LTS-A-10µL-/L-960/10 960 LTS low retention tips in 10 racks 20 µL	20 µL
	30389229 RT-LTS-A-10µL-/L/S-960/10 960 LTS low retention tips in 10 racks, sterilized 20 µL	20 µL
	30389226 RT-LTS-A-10µL-/F/L-960/10 960 LTS low retention tips in 10 racks, sterilized, filter 20 µL	20 µL
200/250	30389243 RT-LTS-A-250µL-960/10 960 LTS tips in 10 racks 200 µL	200 µL
	30389245 RT-LTS-A-250µL-/S-960/10 960 LTS tips in 10 racks, sterilized 200 µL	200 µL
	30389239 RT-LTS-A-200µL-/F-960/10 960 LTS tips in 10 racks, sterilized, filter 200 µL	200 µL
	30389244 RT-LTS-A-250µL-/L-960/10 960 LTS low retention tips in 10 racks 200 µL	200 µL
	30389246 RT-LTS-A-250µL-/L/S-960/10 960 LTS low retention tips in 10 racks, sterilized 200 µL	200 µL
	30389240 RT-LTS-A-200µL-/F/L-960/10 960 LTS low retention tips in 10 racks, sterilized, filter 200 µL	200 µL
	30389247 RT-LTS-A-250µL-/W-960/10 960 LTS wide-orifice tips in 10 racks 200 µL	200 µL
	30389249 RT-LTS-A-250µL-/S/W-960/10 960 LTS wide-orifice tips in 10 racks, sterilized 200 µL	200 µL
	30389248 RT-LTS-A-250µL-/L/W-960/10 960 LTS low retention wide-orifice tips in 10 racks 200 µL	200 µL
	30389250 RT-LTS-A-250µL-/L/S/W-960/10 960 LTS low retention wide-orifice tips in 10 racks, sterilized 200 µL	200 µL
	30389241 RT-LTS-A-200µL-/F/L/W-960/10 960 LTS low retention wide-orifice tips in 10 racks, sterilized, filter 200 µL	200 µL
	30389251 RT-LTS-A-250µL-/X-768/8 768 LTS extended-length tips in 8 racks 200 µL	200 µL
	30389252 RT-LTS-A-250µL-/S/X-768/8 768 LTS extended-length tips in 8 racks, sterilized 200 µL	200 µL
	30389242 RT-LTS-A-200µL-/F/X-768/8 768 LTS extended-length tips in 8 racks, sterilized, filter 200 µL	200 µL
300	30389253 RT-LTS-A-300µL-768/8 768 LTS tips in 8 racks 300 µL	300 µL
	30389255 RT-LTS-A-300µL-/S-768/8 768 LTS tips in 8 racks, sterilized 300 µL	300 µL
	30389254 RT-LTS-A-300µL-/F-768/8 768 LTS tips in 8 racks, sterilized, filter 300 µL	300 µL
	30389160 RT-LTS-A-300µL-/L-768/8 768 LTS low retention tips in 8 racks 300 µL	300 µL
	30389161 RT-LTS-A-300µL-/L/S-768/8 768 LTS low retention tips in 8 racks, sterilized 300 µL	300 µL
	30389162 RT-LTS-A-300µL-/F/L-768/8 768 LTS low retention tips in 8 racks, sterilized, filter 300 µL	300 µL
1000	30389211 RT-LTS-A-1000µL-768/8 768 LTS tips in 8 racks 1000 µL	1000 µL
	30389215 RT-LTS-A-1000µL-/S-768/8 768 LTS tips in 8 racks, sterilized 1000 µL	1000 µL
	30389212 RT-LTS-A-1000µL-/F-768/8 768 LTS tips in 8 racks, sterilized, filter 1000 µL	1000 µL
	30389214 RT-LTS-A-1000µL-/L-768/8 768 LTS low retention tips in 8 racks 1000 µL	1000 µL
	30389216 RT-LTS-A-1000µL-/L/S-768/8 768 LTS low retention tips in 8 racks, sterilized 1000 µL	1000 µL
	30389213 RT-LTS-A-1000µL-/F/L-768/8 768 LTS low retention tips in 8 racks, sterilized, filter 1000 µL	1000 µL
	30389217 RT-LTS-A-1000µL-/W-768/8 768 LTS wide-orifice tips in 8 racks 1000 µL	1000 µL
	30389220 RT-LTS-A-1000µL-/S/W-768/8 768 LTS wide-orifice tips in 8 racks, sterilized 1000 µL	1000 µL
	30389219 RT-LTS-A-1000µL-/L/W-768/8 768 LTS low retention wide-orifice tips in 8 racks 1000 µL	1000 µL
	30389221 RT-LTS-A-1000µL-/L/S/W-768/8 768 LTS low retention wide-orifice tips in 8 racks, sterilized 1000 µL	1000 µL
	30389218 RT-LTS-A-1000µL-/F/L/W-768/8 768 LTS low retention wide-orifice tips in 8 racks, sterilized, filter 1000 µL	1000 µL
	30389222 RT-LTS-A-1000µL-/X-768/8 768 LTS extended-length tips in 8 racks 1200 µL	1200 µL
	30389224 RT-LTS-A-1000µL-/S/X-768/8 768 LTS extended-length tips in 8 racks, sterilized 1200 µL	1200 µL
	30389223 RT-LTS-A-1000µL-/F/X/768/8 768 LTS extended-length tips in 8 racks, sterilized, filter 1200 µL	1200 µL
1200	30389230 RT-LTS-A-1200µL-768/8 768 LTS tips in 8 racks 1200 µL	1200 µL
	30389234 RT-LTS-A-1200µL-/S-768/8 768 LTS tips in 8 racks, sterilized 1200 µL	1200 µL
	30389231 RT-LTS-A-1200µL-/F-768/8 768 LTS tips in 8 racks, sterilized, filter 1200 µL	1200 µL
	30389233 RT-LTS-A-1200µL-/L-768/8 768 LTS low retention tips in 8 racks 1200 µL	1200 µL
	30389235 RT-LTS-A-1200µL-/L/S-768/8 768 LTS low retention tips in 8 racks, sterilized 1200 µL	1200 µL
	30389232 RT-LTS-A-1200µL-/F/L-768/8 768 LTS low retention tips in 8 racks, sterilized, filter 1200 µL	1200 µL
2 mL	30389236 RT-LTS-A-2000µL-480/8 480 LTS tips in 8 racks 2000 µL	2000 µL
	30389238 RT-LTS-A-2000µL-/S-480/8 480 LTS tips in 8 racks, sterilized 2000 µL	2000 µL
	30389237 RT-LTS-A-2000µL-/F-480/8 480 LTS tips in 8 racks, sterilized, filter 2000 µL	2000 µL
5 mL	30389256 RT-LTS-A-5000µL-192/8 192 LTS tips in 8 racks 5000 µL	5000 µL
	30389257 RT-LTS-A-5000µL-/S-192/8 192 LTS tips in 8 racks, sterilized 5000 µL	5000 µL

Nothing beats the Rainin LTS® LiteTouch® System for pipetting comfort



LTS Tip Refills for Hinged-lid Racks

Item No.	Description	Max. Capacity
Green-Pak SpaceSaver stacked refills for hinged-lid RT-racks (empty rack not included!)*		
10	30389291 GPS-LTS-A-10µL-960/10	960 LTS tips in 10 refills
	30389297 GPS-LTS-A-10µL-/S-960/10	960 LTS tips in 10 refills, sterilized
	30389296 GPS-LTS-A-10µL-/L-960/10	960 LTS low retention tips in 10 refills
	30389298 GPS-LTS-A-10µL-/L/S-960/10	960 LTS low retention tips in 10 refills, sterilized
250	30389299 GPS-LTS-A-250µL-960/10	960 LTS tips in 10 refills
	30389301 GPS-LTS-A-250µL-/S-960/10	960 LTS tips in 10 refills, sterilized
	30389300 GPS-LTS-A-250µL-/L-960/10	960 LTS low retention tips in 10 refills
	30389302 GPS-LTS-A-250µL-/L/S-960/10	960 LTS low retention tips in 10 refills, sterilized
300	30389303 GPS-LTS-A-300µL-768/8	768 LTS tips in 8 refills
	30389304 GPS-LTS-A-300µL-/S-768/8	768 LTS tips in 8 refills, sterilized
1000	30389292 GPS-LTS-A-1000µL-768/8	768 LTS tips in 8 refills
	30389294 GPS-LTS-A-1000µL-/S-768/8	768 LTS tips in 8 refills, sterilized
	30389293 GPS-LTS-A-1000µL-/L-768/8	768 LTS low retention tips in 8 refills
	30389295 GPS-LTS-A-1000µL-/L/S-768/8	768 LTS low retention tips in 8 refills, sterilized
Green-Pak individual refills for hinged-lid RT-racks		
10	30389270 GP-LTS-A-10µL-960/10	960 LTS tips in 10 refills
	30389275 GP-LTS-A-10µL-/S-960/10	960 LTS tips in 10 refills, sterilized
	30389274 GP-LTS-A-10µL-/F-960/10	960 LTS tips in 10 refills, sterilized, filter
200/250	30389277 GP-LTS-A-250µL-960/10	960 LTS tips in 10 refills
	30389278 GP-LTS-A-250µL-/S-960/10	960 LTS tips in 10 refills, sterilized
	30389276 GP-LTS-A-200µL-/F-960/10	960 LTS tips in 10 refills, sterilized, filter
1000	30389271 GP-LTS-A-1000µL-768/8	768 LTS tips in 8 refills
	30389273 GP-LTS-A-1000µL-/S-768/8	768 LTS tips in 8 refills, sterilized
	30389272 GP-LTS-A-1000µL-/F-768/8	768 LTS tips in 8 refills, sterilized, filter
Empty hinged-lid RT racks for use with Green-Pak and Green-Pak SpaceSaver refills*		
30389354	GPR-LTS-A-10µL-0/10	Empty racks for 20 µL tips, red, 10/pkg**
30389353	GPR-XXX-A-250µL-0/10	Empty racks for 200/250 µL tips, green, 10/pkg
30397667	GPR-XXX-A-300µL-0/8	Empty racks for 300 µL tips, yellow, 8/pkg
30389351	GPR-XXX-A-1000µL-0/8	Empty racks for 1000 µL tips, blue, 8/pkg

* SpaceSaver no longer comes with an extra rack. When ordering BioClean Ultra tips for the first time, purchase empty racks or racked tips in a matching size to use this refill system.

** Can be also used with UNV 10 µL ShaftGard™ tips.

Use our online Tip Finder to see which Rainin tip fits your LTS pipette: ► www.mt.com/TipFinder

Universal-Fit Tips

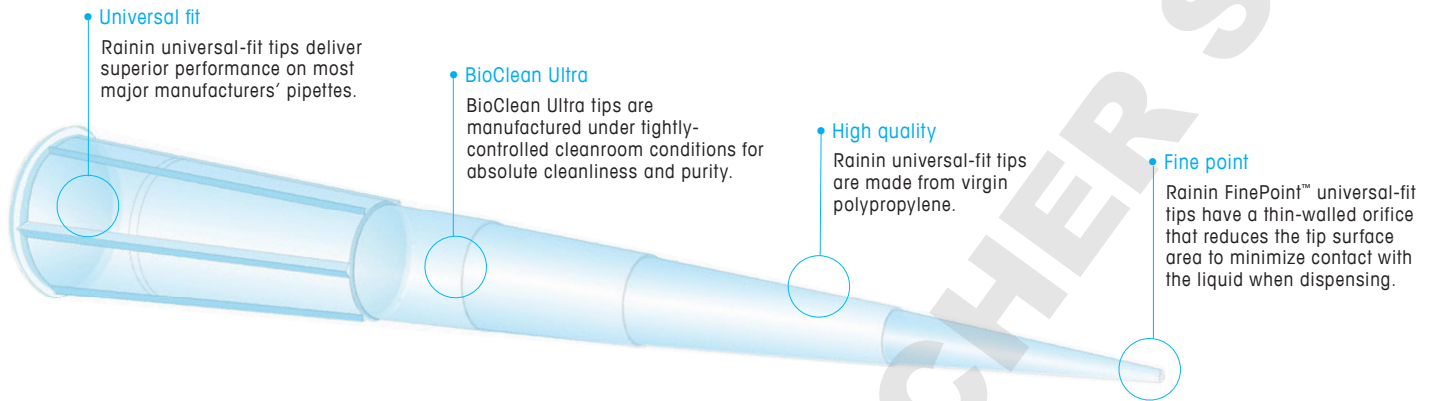
Standard, Filter, Low Retention and Wide Orifice

	Item No.	Description	Max. Capacity
	Hinged-lid RT-racks		
10	30389163	RT-UNV-A-10µL-960/10	960 tips in 10 racks
	30389181	RT-UNV-A-10µL-/S-960/10	960 tips in 10 racks, sterilized
	30389172	RT-UNV-A-10µL-/F-960/10	960 tips in 10 racks, sterilized, filter
	30389180	RT-UNV-A-10µL-/L-960/10	960 low retention tips in 10 racks
	30389182	RT-UNV-A-10µL-/L/S-960/10	960 low retention tips in 10 racks
	30389173	RT-UNV-A-10µL-/F/L-960/10	960 low retention tips in 10 racks, sterilized, filter
	30389174	RT-UNV-A-10µL-/G-960/10	960 ShaffGard tips in 10 racks
	30389178	RT-UNV-A-10µL-/G/S-960/10	960 ShaffGard tips in 10 racks, sterilized
	30389175	RT-UNV-A-10µL-/F/G-960/10	960 ShaffGard tips in 10 racks, sterilized, filter
	30389177	RT-UNV-A-10µL-/G/L-960/10	960 ShaffGard low retention tips in 10 racks
10 - ShaffGard (G)	30389179	RT-UNV-A-10µL-/G/L/S-960/10	960 ShaffGard low retention tips in 10 racks, sterilized
	30389176	RT-UNV-A-10µL-/F/G/L-960/10	960 ShaffGard low retention tips in 10 racks, sterilized, filter
	30389189	RT-UNV-A-20µL-/F-960/10	960 tips in 10 racks, sterilized, filter
	30389190	RT-UNV-A-20µL-/F/L-960/10	960 low retention tips in 10 racks, sterilized, filter
	30389170	RT-UNV-A-100µL-/F-960/10	960 tips in 10 racks, sterilized, filter
	30389171	RT-UNV-A-100µL-/F/L-960/10	960 low retention tips in 10 racks, sterilized, filter
	30389191	RT-UNV-A-250µL-960/10	960 tips in 10 racks
	30389193	RT-UNV-A-250µL-/S-960/10	960 tips in 10 racks, sterilized
	30389186	RT-UNV-A-200µL-/F-960/10	960 tips in 10 racks, sterilized, filter
	30389192	RT-UNV-A-250µL-/L-960/10	960 low retention tips in 10 racks
30/100/200/250	30389194	RT-UNV-A-250µL-/L/S-960/10	960 low retention tips in 10 racks, sterilized
	30389187	RT-UNV-A-200µL-/F/L-960/10	960 low retention tips in 10 racks, sterilized, filter
	30389195	RT-UNV-A-250µL-/W-960/10	960 wide-orifice tips in 10 racks
	30389196	RT-UNV-A-250µL-/L/W-960/10	960 low retention wide-orifice tips in 10 racks
	30389197	RT-UNV-A-250µL-/L/S/W-960/10	960 low retention wide-orifice tips in 10 racks, sterilized
	30389188	RT-UNV-A-200µL-/F/L/W-960/10	960 low retention wide-orifice tips in 10 racks, sterilized, filter
	30389058	RT-UNV-A-300µL-768/8	768 tips in 8 racks
	30389059	RT-UNV-A-300µL-/S-768/8	768 tips in 8 racks, sterilized
	30389136	RT-UNV-A-300µL-/F-768/8	768 tips in 8 racks, sterilized, filter
	30389137	RT-UNV-A-300µL-/L-768/8	768 low retention tips in 8 racks
300	30389138	RT-UNV-A-300µL-/L/S-768/8	768 low retention tips in 8 racks, sterilized
	30389139	RT-UNV-A-300µL-/F/L-768/8	768 low retention tips in 8 racks, sterilized, filter
	30389164	RT-UNV-A-1000µL-768/8	768 tips in 8 racks
	30389168	RT-UNV-A-1000µL-/S-768/8	768 tips in 8 racks, sterilized
	30389165	RT-UNV-A-1000µL-/F-768/8	768 tips in 8 racks, sterilized, filter
	30389167	RT-UNV-A-1000µL-/L-768/8	768 low retention tips in 8 racks
	30389169	RT-UNV-A-1000µL-/L/S-768/8	768 low retention tips in 8 racks, sterilized
	30389166	RT-UNV-A-1000µL-/F/L-768/8	768 low retention tips in 8 racks, sterilized, filter
	30389183	RT-UNV-A-2000µL-480/8	480 tips in 8 racks
	2 mL	30389185	RT-UNV-A-2000µL-/S-480/8
30389184		RT-UNV-A-2000µL-/F-480/8	480 tips in 8 racks, sterilized, filter
30389198		RT-UNV-A-5000µL-192/8	192 tips in 8 racks
30389199		RT-UNV-A-5000µL-/S-192/8	192 tips in 8 racks, sterilized

Use our online Tip Finder to see which Rainin tip fits your LTS pipette: www.mt.com/TipFinder

Rainin universal-fit tips for superior quality and performance

Rainin universal-fit tips provide outstanding performance for Rainin pipettes without LTS and most other pipette brands, including Gilson®, Eppendorf®, Sartorius® (BioHit®), ThermoFisher® (Finnpipette®) and VWR®.



Universal Tip Refills for Hinged-lid Racks

	Item No.	Description	Max. Capacity	
Green-Pak SpaceSaver stacked refills for hinged-lid RT-racks (empty rack not included!)*				
10 (G)	30389283	GPS-UNV-A-10µL-/G-960/10	960 ShaffGard tips in 10 refills	10 µL
	30389285	GPS-UNV-A-10µL-/G/S-960/10	960 ShaffGard tips in 10 refills, sterilized	10 µL
	30389284	GPS-UNV-A-10µL-/G/L-960/10	960 ShaffGard low retention tips in 10 refills	10 µL
	30389286	GPS-UNV-A-10µL-/G/L/S-960/10	960 ShaffGard low retention tips in 10 refills, sterilized	10 µL
250	30389287	GPS-UNV-A-250µL-960/10	960 tips in 10 refills	250 µL
	30389289	GPS-UNV-A-250µL-/S-960/10	960 tips in 10 refills, sterilized	250 µL
	30389288	GPS-UNV-A-250µL-/L-960/10	960 low retention tips in 10 refills	250 µL
	30389290	GPS-UNV-A-250µL-/L/S-960/10	960 low retention tips in 10 refills, sterilized	250 µL
300	30397665	GPS-UNV-A-300µL-768/8	768 tips in 8 refills	300 µL
	30397666	GPS-UNV-A-300µL-/S-768/8	768 tips in 8 refills, sterilized	300 µL
1000	30389279	GPS-UNV-A-1000µL-768/8	768 tips in 8 refills	1000 µL
	30389281	GPS-UNV-A-1000µL-/S-768/8	768 tips in 8 refills, sterilized	1000 µL
	30389280	GPS-UNV-A-1000µL-/L-768/8	768 ShaffGard low retention tips in 8 refills	1000 µL
	30389282	GPS-UNV-A-1000µL-/L/S-768/8	768 ShaffGard low retention tips in 8 refills, sterilized	1000 µL
Green-Pak individual refills for hinged-lid RT-racks				
10 (G)/ 10	30389258	GP-UNV-A-10µL-960/10	960 tips in 10 refills	10 µL
	30389265	GP-UNV-A-10µL-/S-960/10	960 tips in 10 refills, sterilized	10 µL
	30389263	GP-UNV-A-10µL-/F-960/10	960 tips in 10 refills, sterilized, filter	10 µL
	30389264	GP-UNV-A-10µL-/F/G-960/10	960 ShaffGard tips in 10 refills, sterilized, filter	10 µL
30/100/200/250	30389267	GP-UNV-A-20µL-/F-960/10	960 tips in 10 refills, sterilized, filter	30 µL
	30389262	GP-UNV-A-100µL-/F-960/10	960 tips in 10 refills, sterilized, filter	100 µL
	30389266	GP-UNV-A-200µL-/F-960/10	960 tips in 10 refills, sterilized, filter	200 µL
	30389268	GP-UNV-A-250µL-960/10	960 tips in 10 refills	250 µL
1000	30389269	GP-UNV-A-250µL-/S-960/10	960 tips in 10 refills, sterilized	250 µL
	30389259	GP-UNV-A-1000µL-768/8	768 tips in 8 refills	1000 µL
	30389261	GP-UNV-A-1000µL-/S-768/8	768 tips in 8 refills, sterilized	1000 µL
	30389260	GP-UNV-A-1000µL-/F-768/8	768 tips in 8 refills, sterilized, filter	1000 µL
Empty hinged-lid RT racks for use with Green-Pak and Green-Pak SpaceSaver refills*				
	30389350	GPR-UNV-A-10µL-0/10	Empty racks for 10 µL tips, purple, 10/pkg	
	30389354	GPR-LTS-A-10µL-0/10	Empty racks for 20 µL tips, red, 10/pkg**	
	30389353	GPR-XXX-A-250µL-0/10	Empty racks for 200/250 µL tips, green, 10/pkg	
	30397667	GPR-XXX-A-300µL-0/8	Empty racks for 300 µL tips, yellow, 8/pkg	
	30389351	GPR-XXX-A-1000µL-0/8	Empty racks for 1000 µL tips, blue, 8/pkg	

* SpaceSaver no longer comes with an extra rack. When ordering BioClean Ultra tips for the first time, purchase empty racks or racked tips in a matching size to use this refill system.

** Can be also used with UNV 10 µL ShaffGard tips.

Pipetting 360°

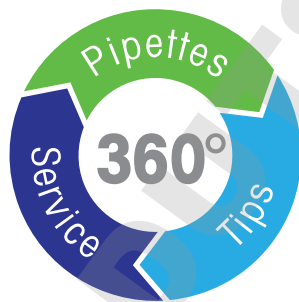
Your Performance Guarantee

Pipetting is a system: the pipette, the tip and periodic calibration

- Quality, performance and extraordinary comfort are why Rainin pipettes are industry leading.
- Rainin pipette shafts and tips are designed to work together, so they load smoothly and comfortably.
- For calibration or service, no one is more experienced or knowledgeable about your Rainin pipette than your Rainin or Mettler Toledo service technician.

Why risk your research with poor pipetting performance?

For your pipetting system, choose Rainin!



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Laboratory Division

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Subject to technical changes

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