



Altium



starlab

Vortex Mixer.

Great features. Good vibrations.

THE STARLAB VORTEX MIXER

With its compact and stylish design, the Starlab Vortex Mixer is the perfect bench partner for your lab. The unique touchscreen provides precise speed settings for the gentle mixing of samples right up to vigorous vortex mixing and the resuspending of cells or chemical pellets.

- Glove compatible touch screen
- Precise vortexing speeds, from 300 to 3,500 rpm
- One-touch pre-set options for speed / time
- Touch or continuous operation
- End of run audible alarm
- Power-saving sleep mode
- Optional accessories



WATCH VIDEO

ANTI-SLIP FEET

provide stability on the bench during mixing

TOUCH MODE

Minimal pressure required to maintain vibration. Mix single or multiple tubes up to 3,500 rpm

SPEED RANGE
300 – 3,500 RPM

GLOVE COMPATIBLE TOUCHSCREEN
for precise speed and time settings

POWER-SAVING SLEEP MODE

SMOOTH, QUIET OPERATION



Subscribe to the vibe.

OPTIONAL ACCESSORIES



Adapter for microplates

Mix one plate with a SBS/SLAS footprint with speeds up to 1,500 rpm



Adapter for 1.5/2.0 ml tubes

Mix up to 15 tubes at the same time with speeds up to 1,500 rpm

ORDER INFO & TECHNICAL SPECIFICATIONS

Description	Article No.
 Vortex Mixer ¹⁾	S8010-0000
Accessories	
 Replacement Standard Attachment	S8010-0010
 Adapter for 1.5 / 2.0 ml tubes	S8010-0011
 Adapter for microplates	S8010-0012
 Replacement power adapter with four exchangeable plugs, 24 V, 1 A for EU, UK, US & AUS	S8010-5012

¹⁾ Vortex Mixer is supplied with one standard attachment and a power adapter with four exchangeable plugs. 2-year warranty.

Technical specifications	
Speed range	Standard attachment: 300 to 3,500 rpm Adapter for 1.5/2.0 ml tubes: 300 to 1,500 rpm Adapter for microplates: 300 to 1,500 rpm
Speed increments	50 rpm
Timing capacity	1 second to 99:59 minutes
Type of movement	Orbital
Operation modes	Two: touch and continuous
Noise level	≤ 55 dBA
USB output	5 VDC 1 A
Permissible ambient temperature	2 °C – 40 °C
Permissible relative humidity	≤ 80 %
Power supply	100 – 240 V, 50 Hz – 60 Hz
Unit input	24 V DC 12 W
Weight	≤ 2.8 kg
Dimensions (W x D x H)	200 x 130 x 103 mm



starlab.click/shop-vortex

The Minicentrifuge

SMOOTH OPERATOR

This is a compact and solid unit that delivers a quiet, smooth operation and unique features. It's so easy to use.

Just load your samples, close the lid and you're spinning.

The one-touch STOP provides fast braking and opens the lid at the same time for a seamless, one-handed operation.









OH SO QUIET
noise level 55 dBA

TOOL FREE
quick and easy
rotor exchange

**ONE-TOUCH
STOP** for fast
braking and
lid release

**MAGNETIC
LID LOCK**
aids easy, one-handed
operation

QUICK START
just close the lid
to start spinning!

Description	Article No.
 Minicentrifuge ¹⁾	S8030-5000
Accessories	
 Tube rotor for 8 x 1.5/2.0 ml tubes	S8030-5010
 PCR strip rotor for 32 x 0.2 ml PCR tubes or 4 x 8 PCR tube strips	S8030-5011
 Power adapter with four exchangeable plugs, 24 V, 1 A for EU, UK, US & AUS	S8030-5012
 Tube rotor adapters for 0.5 ml tubes, pack of 8	S8030-5013
 Tube rotor adapters for 0.2 ml tubes, pack of 8	S8030-5014

¹⁾ Supplied with power adapter and four exchangeable plugs, 1 x tube rotor, 1 x PCR strip rotor and one pack of 0.5 ml adapters and one pack of 0.2 ml adapters.

Technical specifications	
Maximum speed	6,500 rpm ± 1 %
Maximum g-force	2,500 × g
Noise level	55 dBA
Permissible ambient temperature	2 °C – 40 °C
Permissible relative humidity	≤ 80 %
Power supply	100 – 240 V, 50 Hz – 60 Hz
Unit input	24 V DC 12 W
Weight	< 1.2 kg
Dimensions (W x D x H)	160 x 130 x 112 mm



[WATCH VIDEO](#)

starlab.click/minicentrifuge



PCR strips.

MIX & MATCH, TUBE & CAP STRIPS

- Ultra-thin, uniform walls ensure optimal heat transfer
- Tube strips can be cut or snapped into smaller strips
- Opaque white tubes for qPCR show low auto-fluorescence with chemiluminescence detectors
- White tubes also increase signal yield
- Cap strips can also be used to seal Starlab PCR Plates
- Supplied in resealable bags to minimise contamination risk
- Certified free of RNase, DNase, DNA and PCR Inhibitors
- Tested Pyrogen free

TUBE CAPACITIES

0.1 ml Low-Profile strips for use in cyclers with low-profile capability only.

0.2 ml Standard Strips for use in the majority of cyclers.



8-Strip Caps

Cap Style	Colour	Pack Size	Article No.
Domed	Natural	125	I1400-0800 C
Domed	Mixed ¹⁾	5 x 25	I1400-0808
Domed, Perfect Seal	Natural	125	I1400-0810
Domed, Perfect Seal	Mixed ¹⁾	5 x 25	I1400-0818
Flat (Xtra-Clear)	Natural	125	I1400-0900

¹⁾Mixed packs contain: blue, green, red, violet and yellow.



8-Strip Tubes

Tube Volume	Colour	Pack Size	Article No.
0.1 ml Low-Profile	Natural	125	I1402-3600
0.1 ml Low-Profile	White	125	I1402-3609
0.2 ml	Natural	125	I1402-3500 C
0.2 ml	Mixed ¹⁾	5 x 25	I1402-3508
0.2 ml	White	125	I1402-3509

¹⁾Mixed packs contain: blue, green, red, violet and yellow.



12-Strip Caps

Cap Style	Colour	Pack Size	Article No.
Domed	Natural	80	I1400-1200 C
Domed	Mixed ¹⁾	5 x 16	I1400-1208
Domed, Perfect Seal	Natural	80	I1400-1300
Flat (Xtra-Clear)	Natural	80	I1400-1290 C

¹⁾Mixed packs contain: blue, green, red, violet and yellow.



12-Strip Tubes

Tube Volume	Colour	Pack Size	Article No.
0.2 ml	Natural	80	I1402-1200 C
0.2 ml	Mixed ¹⁾	5 x 16	I1402-1208

¹⁾Mixed packs contain: blue, green, red, violet and yellow.

C Order by the case (x10 packs).

8-STRIP COMBO PACKS BUY YOUR CAP AND TUBE STRIPS TOGETHER!

Simpler inventory!
Only one Article No. to order.
Easier traceability!
Only one Lot No. to record.
And always have the right amount of caps for your tubes.

Tube & Cap Combo Packs

Tube Volume / Colour	Cap Style	Pack Size	Article No.
0.1 ml Low-Profile, Natural	Flat, Xtra-Clear	125 pairs	I1402-4700
0.1 ml Low-Profile, White	Flat, Xtra-Clear	125 pairs	I1409-4700
0.2 ml, Natural	Domed	125 pairs	I1402-6700
0.2 ml, Natural	Flat, Xtra-Clear	125 pairs	I1402-5700
0.2 ml, White	Flat, Xtra Clear	125 pairs	I1409-5700

Tube and cap strips are supplied non-assembled, in separate bags.



starlab.click/pcrstrips

ErgoOne[®] manual pipettes.

CLEVER

Colour coding that matches the colour coding of TipOne[®] Tips

SMOOTH OPERATOR

Smooth action tip ejector

SEE WHAT YOU DO

4-digit volume display for greater accuracy. The volume display is positioned so it's visible during pipetting to both right and left-handed users



LOCK IT OR LOSE IT

Volume lock prevents drift during use

COMFORTABLE

Ergonomically designed finger rest
Contoured handle
Lightweight

EASY CLEANING

Chemically-resistant PP handle
Fully autoclavable
Can be UV sterilised

GET IN THERE

Easy to remove tip ejector for fast cleaning
Slim tip ejector for easy access into small tubes

SENSIBLE

Integral, rust-free tip ejector

UNIVERSAL TIP FIT

(excl. 5.0 ml)

ErgoOne® manual pipettes.

COMFORT AND STYLE: YOU CAN HAVE BOTH!

Reliability is key in the laboratory and your pipette must be trusted to perform well – day in, day out. ErgoOne® pipettes have it all – the accuracy and precision you need, and a stylish look you will love.

As one of the most frequently used instruments in the lab, pipettes need to be comfortable to use but must also provide the features you need. ErgoOne® pipettes are designed with both the researcher's needs and the latest ergonomic principles in mind.

Lightweight and easy to use, ErgoOne® can be trusted to provide accurate and precise pipetting all day, every day. Use with STARLAB's TipOne® pipette tips for the perfect pipetting partnership.

ErgoOne® pipettes* are engineered to be compatible with all popular pipette tips, without any loss of accuracy or precision.

ErgoOne® pipettes are sold with a 3-year warranty.

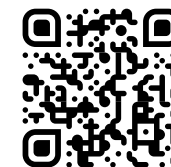
*excluding 5.0 ml.

CONVENIENT
Easy to remove lower part for cleaning



TOUGH
Wear-resistant polymer tip holders

THOUGHTFUL
Cascaded tip ejector lowers the tip ejection force



WATCH VIDEO

ERGOONE® FEATURES

- Minimal operating forces
- Lightweight ergonomic design
- Colour coded
- Volume lock
- Universal tip fit



starlab.click/manualpipettes

TipOne® the trusted tip: pure, but not simple.



1 PURE QUALITY

TipOne® tips are manufactured from pure, virgin polypropylene to ensure the highest quality product.

2 ONE TIP FITS ALL

The flexible tip collar fits all popular pipettes, even those with worn tip holders! Thin-wall technology ensures a perfect seal while also reducing the loading and ejection forces.

3 EXCELLENT FILTER

The TipOne® filter is one of the best on the market and protects against aerosol cross-contamination without trapping your valuable samples. The filters contain no additives to interfere with samples.

4 CLEAR PRECISION

The latest injection moulding processes produce high precision, thin-walled tips with excellent clarity for better visibility of your samples.

5 BRILLIANT

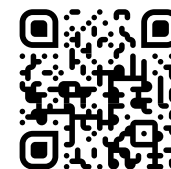
Highly polished moulds for an extremely smooth surface to reduce sample retention.

6 ULTRAPPOINT® ORIFICE

Prevents sample hang up and makes it easier to touch-off the last drop of sample.

To help you with the correct volume selection, we have developed the **TipFinder**. No challenging tables to navigate, just an easy to use and always up to date, online tool!

starlab.click/tipfinder



TipOne® sterile filter tips.



NOTHING GOES THROUGH!

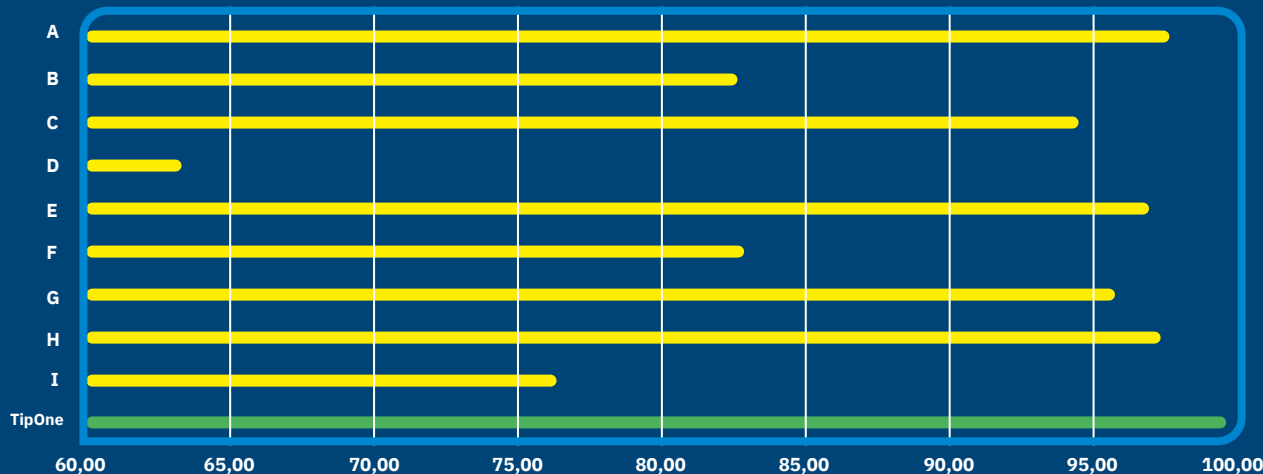
Protect your samples against unwanted contamination with TipOne® filter tips. When pipetting, it's not possible to see by eye if fine aerosols are going into your pipette which can go on to contaminate other samples at a later date.

The TipOne® filter protects against aerosol cross-contamination without trapping your valuable samples. The filters in TipOne® filter tips are one of the best filters available on the market. They are proven* to block >99% of aerosols.

FILTER TIP FEATURES

- Highly effective HDPE filter
- Filter contains no additives to interfere with your samples
- The filter will not absorb samples, allowing recovery if needed
- Sterile and RNase, DNase, DNA and Pyrogen free

Blocking of particles (diam. approx. 100 nm) [%]
TipOne® filter tips compared to other manufacturers' filter tips*



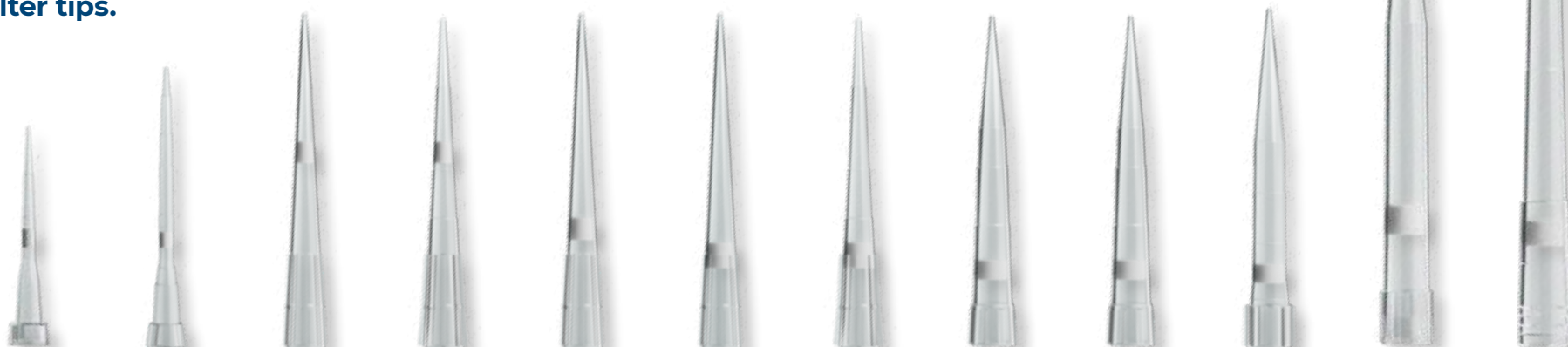
* The comparative tests were conducted in an independent test institute with filter tips from other leading manufacturers.





Products include system components made with recycled plastic. See pages 8 & 9 for details.

Ordering information
TipOne®
 sterile filter tips.

NEW!



Description & Colour-coding	10 µl Graduated	10/20 µl XL Graduated	20 µl Bevelled	20 µl UltraPoint® Graduated	50 µl Bevelled	100 µl Bevelled	100 µl UltraPoint® Graduated	200 µl Graduated	200 µl UltraPoint® Graduated	300 µl Graduated	1000 µl	1000 µl XL Graduated
RACKED 96-TIP RACK 	S1121-3810 (960 Tips)	S1120-3810 (960 Tips)	S1120-1810 (960 Tips)	S1123-1810 (960 Tips)	S1120-2810 (960 Tips)	S1120-1840 (960 Tips)	S1123-1840 (960 Tips)	S1120-8810 (960 Tips)	S1123-8810 (960 Tips)	S1120-9810 (960 Tips)	S1126-7810 (960 Tips)	S1122-1830 (960 Tips)
	S1121-3810-C (8 x 960 Tips)	S1120-3810-C (8 x 960 Tips)	S1120-1810-C (8 x 960 Tips)	S1123-1810-C (8 x 960 Tips)	S1120-2810-C (8 x 960 Tips)	S1120-1840-C (8 x 960 Tips)	S1123-1840-C (8 x 960 Tips)	S1120-8810-C (8 x 960 Tips)	S1123-8810-C (8 x 960 Tips)	S1120-9810-C (8 x 960 Tips)	S1126-7810-C (4 x 960 Tips)	S1122-1830-C (4 x 960 Tips)
REFILL 96-TIP REFILL 	S1121-2710 (960 Tips)	S1120-3710 (960 Tips)	S1120-1710 (960 Tips)	S1123-1710 (960 Tips)	S1120-2710 (960 Tips)	S1120-1740 (960 Tips)	S1123-1740 (960 Tips)	S1120-8710 (960 Tips)	S1123-8710 (960 Tips)	S1120-9710 (960 Tips)	S1126-7710 (960 Tips)	S1122-1730 (960 Tips)
	S1121-2710-C (8 x 960 Tips)	S1120-3710-C (8 x 960 Tips)	S1120-1710-C (8 x 960 Tips)	S1123-1710-C (8 x 960 Tips)	S1120-2710-C (8 x 960 Tips)	S1120-1740-C (8 x 960 Tips)	S1123-1740-C (8 x 960 Tips)	S1120-8710-C (8 x 960 Tips)	S1123-8710-C (8 x 960 Tips)	S1120-9710-C (8 x 960 Tips)	S1126-7710-C (4 x 960 Tips)	S1122-1730-C (4 x 960 Tips)

Tips shown approx. actual size. All tips certified RNase, DNase, DNA and Pyrogen free.

The TipOne® system overview.





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