



LIQUID HANDLING TECHNOLOGY

The Pipette!

ErgoOne

Adjustable Single- and Multi-Channel Pipettes



ErgoOne® – Adjustable Single- and Multi-Channel Pipettes



ErgoOne

ErgoOne® Features

- ⌘ Good handling with ergonomic design
- ⌘ Lightweight
- ⌘ Minimal operating forces
- ⌘ Easy to use volume adjustment mechanism
- ⌘ Extremely accurate and precise
- ⌘ Low-maintenance, high quality product
- ⌘ Fully autoclavable
- ⌘ Three-year warranty
- ⌘ Fits all popular pipettes

A New Standard in Pipetting

Everyday, pipettes are confronted with multiple tasks that must be exact and precise. Reliability is key in the laboratory and your pipette must be trusted to perform well, day in, day out. ErgoOne®, the new pipette from STARLAB, offers accuracy and precision you can trust, with a stylish new look you will love.

Ergonomics & Design

The modern design of ErgoOne® follows ergonomic principles. The smooth contours of the handle means the pipette sits comfortably in the hand. There is easy access to the volume control button and the tip ejector. The light weight of ErgoOne®, combined with its minimal operating forces, provides comfortable pipetting and helps prevent hand fatigue.

Quality

Made of high quality materials, ErgoOne® is a robust pipette tested under real laboratory conditions. The wear-resistant piston means regreasing is not required under normal working conditions. The tolerances for inaccuracy and imprecision are far lower than the requirements for EN ISO 8655 (European standard for piston operated volumetric apparatus). ErgoOne® provides quality at the highest level that will last year after year.

Functionality

ErgoOne® offers solutions for everyday pipetting. A volume lock prevents accidental volume change during use. Also the vertically-orientated 4-digit volume display is always visible, whether using your left or your right hand. The pipette is fully autoclavable and can also be UV sterilised.

Organized!

The coordinating, rotating pipette stand can hold up to eight ErgoOne® pipettes. The stand is suitable for everyday laboratory use and offers the versatility of being able to hold a range of other manufacturer's pipettes too.



S7200-0000 Universal
Pipette Carousel Stand.

Simple but effective. Rest your ErgoOne® on the innovative pipette support clip to free up both your hands for lab work.



E3099-0002 Support
Benchtop.

Colour-coded volume control button with innovative, lockable volume adjustment button. Volume can be set by a reduced number of turns. Lock avoids accidental volume adjustment during pipetting.

Fully autoclavable.

Rounded tip ejector button has no sharp edges, and offers minimal ejection forces and reduced ejection distance.

Alignment unit.

Easy to read, 4-digit volume display with decimal line is always visible during pipetting.

Min. and max. pipetting volume.

Easily removable lower part for fast cleaning. With additional volume code.

Tip ejector with integrated cascade lowers the tip ejection force.

Minimal operating force.

Ergonomically designed finger rest ensures comfort and ease during use. Autoclavable stickers can be stuck to the top side of the finger rest to personalise / help identify your pipette.

Ergonomically shaped handle for a comfortable yet secure grip whether pipetting with right or left hand.



ErgoOne® – Technical Data and Ordering Information

Technical Data ErgoOne® Pipettes									
ErgoOne® Single-Channel	Pipette volume			Systematic Error (Inaccuracy)			Random Error (Imprecision; CV)		
	Min.		Max.	Min. volume		Max. volume	Min. volume		Max. volume
0.1–2.5µl	0.1µl	1.25µl	2.5µl	± 24%	± 2.5%	± 1.4%	± 12%	± 1.5%	± 0.7%
0.5–10µl	1.0µl	5µl	10µl	± 2.5%	± 1.5%	± 1.0%	± 1.8%	± 0.8%	± 0.4%
2–20µl (micro cone)	2µl	10µl	20µl	± 5.0%	± 1.2%	± 1.0%	± 1.5%	± 0.6%	± 0.3%
2–20µl (standard cone)	2µl	10µl	20µl	± 5.0%	± 1.2%	± 1.0%	± 1.5%	± 0.6%	± 0.3%
10–100µl	10µl	50µl	100µl	± 3.0%	± 1.0%	± 0.8%	± 1.0%	± 0.3%	± 0.2%
20–200µl	20µl	100µl	200µl	± 2.5%	± 1.0%	± 0.6%	± 0.7%	± 0.3%	± 0.2%
100–1000µl	100µl	500µl	1000µl	± 3.0%	± 1.0%	± 0.6%	± 0.6%	± 0.2%	± 0.2%
500–5000µl	500µl	2500µl	5000µl	± 2.4%	± 1.2%	± 0.6%	± 0.6%	± 0.25%	± 0.15%
ErgoOne® Multi-Channel	Pipette volume			Systematic Error (Inaccuracy)			Random Error (Imprecision; CV)		
	Min.		Max.	Min. volume		Max. volume	Min. volume		Max. volume
0.5–10µl	1.0µl	5µl	10µl	± 8.0%	± 4.0%	± 2.0%	± 5.0%	± 2.0%	± 1.0%
10–100µl	10µl	50µl	100µl	± 3.0%	± 1.0%	± 0.8%	± 2.0%	± 0.8%	± 0.3%
30–300µl	30µl	150µl	300µl	± 3.0%	± 1.0%	± 0.6%	± 1.0%	± 0.5%	± 0.3%

Measurement data determined in compliance with the test conditions for piston-stroke pipettes according to EN ISO 8655.
Measurement carried out with original TipOne® pipette tips.



No risk!

Test ErgoOne® to its limits and feel the comfort for yourself. Contact us to arrange a free demonstration.



Ordering Information ErgoOne® Pipettes			
Volume Range	Cat.No.	Colour Code	Pack Size
ErgoOne® Single-Channel			
0.1–2.5µl	S7100-0125	•	1
0.5–10µl	S7100-0510	•	1
2–20µl (micro cone)	S7100-0221	•	1
2–20µl (standard cone)	S7100-0220	•	1
10–100µl	S7100-1100	•	1
20–200µl	S7100-2200	•	1
100–1000µl	S7110-1000	•	1
500–5000µl	S7150-5000	•	1
ErgoOne® 8-Channel			
0.5–10µl	S7108-0510	•	1
10–100µl	S7108-1100	•	1
30–300µl	S7108-3300	•	1
ErgoOne® 12-Channel			
0.5–10µl	S7112-0510	•	1
10–100µl	S7112-1100	•	1
30–300µl	S7112-3300	•	1

Ordering Information ErgoOne® Accessories		
Description	Cat.No.	Pack Size
Universal Pipette Carousel Stand for max. 8 Pipettes	S7200-0000	1
Pipette Benchtop	E3099-0002	5

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