

# Your tools for being a great scientist: the **ErgoOne**<sup>®</sup> pipette family.



Passionate for science.



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**ErgoOne® E electronic pipettes**

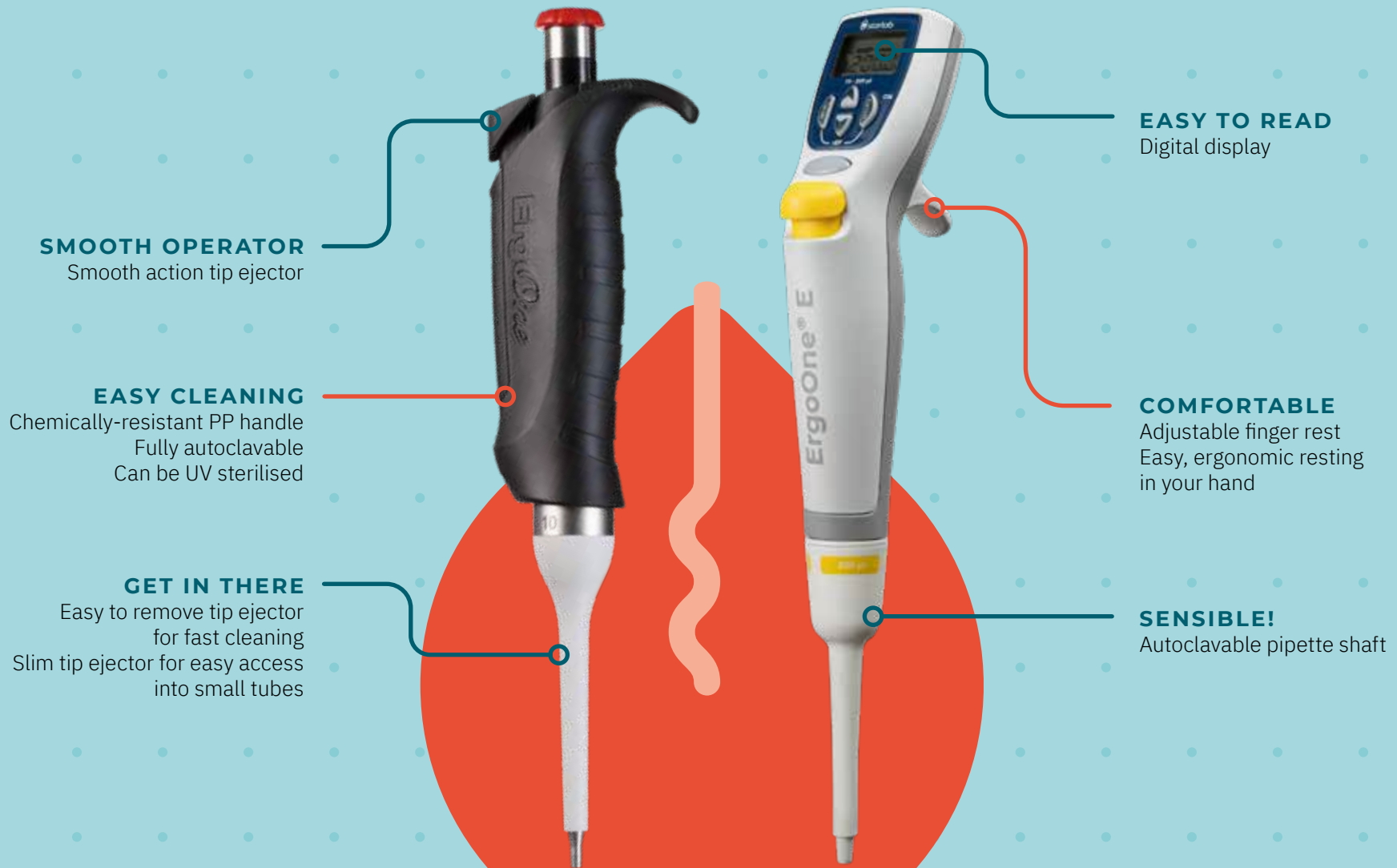
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# Manual or electronic, your choice.



# ErgoOne<sup>®</sup> manual pipettes.

## CLEVER

Colour coding that matches the colour coding of TipOne<sup>®</sup> 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

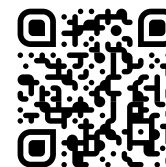


## TOUGH

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](https://starlab.click/manualpipettes)

# Technical data & ordering information.

| Volume Range<br>(Colour Coding)   | Increments                                  | Volume<br>(µl) | Systematic Error<br>(Inaccuracy) ±% |          | Random Error<br>(Imprecision) ±% |          | Art. No. |            |
|---|---|----------------|-------------------------------------|----------|----------------------------------|----------|----------|------------|
|   |   |                | 8655-2                              | ErgoOne® | 8655-2                           | ErgoOne® |          |            |
| SINGLE-CHANNEL  |   |                |                                     |          |                                  |          |          |            |
|    | 0.1 – 2.5 µl<br>(Red)                       | 0.002 µl       | 0.1                                 | 125      | 24                               | 75       | 12       | S7100-0125 |
|   |   |                | 0.25                                | 50       | 12                               | 30       | 6.0      |            |
|   |   |                | 1.25                                | 10       | 2.5                              | 6.0      | 1.5      |            |
|   |   |                | 2.5                                 | 5.0      | 1.4                              | 3.0      | 0.7      |            |
|    | 0.5 – 10 µl<br>(Red)                        | 0.01 µl        | 1.0                                 | 12       | 2.5                              | 8.0      | 1.8      | S7100-0510 |
|   |   |                | 5                                   | 2.4      | 1.5                              | 1.6      | 0.8      |            |
|   |   |                | 10                                  | 1.2      | 1.0                              | 0.8      | 0.4      |            |
|    | 2.0 – 20 µl<br>Micro cone<br>(Red)          | 0.02 µl        | 2                                   | 10       | 5.0                              | 5.0      | 1.5      | S7100-0221 |
|   |   |                | 10                                  | 2.0      | 1.2                              | 1.0      | 0.6      |            |
|   |   |                | 20                                  | 1.0      | 1.0                              | 0.5      | 0.3      |            |
|    | 2.0 – 20 µl<br>Standard<br>cone<br>(Yellow) | 0.02 µl        | 2                                   | 10       | 5.0                              | 5.0      | 1.5      | S7100-0220 |
|   |   |                | 10                                  | 2.0      | 1.2                              | 1.0      | 0.6      |            |
|   |   |                | 20                                  | 1.0      | 1.0                              | 0.5      | 0.3      |            |
|    | 10 – 100 µl<br>(Yellow)                     | 0.1 µl         | 10                                  | 8.0      | 3.0                              | 3.0      | 1.0      | S7100-1100 |
|   |   |                | 50                                  | 1.6      | 1.0                              | 0.6      | 0.3      |            |
|   |   |                | 100                                 | 0.8      | 0.8                              | 0.3      | 0.2      |            |
|   | 20 – 200 µl<br>(Yellow)                     | 0.2 µl         | 20                                  | 8.0      | 2.5                              | 3.0      | 0.7      | S7100-2200 |
|   |   |                | 100                                 | 1.6      | 1.0                              | 0.6      | 0.3      |            |
|   |   |                | 200                                 | 0.8      | 0.6                              | 0.3      | 0.2      |            |
|  | 100 – 1000 µl<br>(Blue)                     | 1 µl           | 100                                 | 8.0      | 3.0                              | 3.0      | 0.6      | S7110-1000 |
|   |   |                | 500                                 | 1.6      | 1.0                              | 0.6      | 0.2      |            |
|   |   |                | 1000                                | 0.8      | 0.6                              | 0.3      | 0.2      |            |
|  | 500 – 5000 µl<br>(Violet)                   | 5 µl           | 500                                 | 8.0      | 2.4                              | 3.0      | 0.6      | S7150-5000 |
|   |   |                | 2500                                | 1.6      | 1.2                              | 0.6      | 0.25     |            |
|   |   |                | 5000                                | 0.8      | 0.6                              | 0.3      | 0.15     |            |

Tested in accordance with EN ISO 8655, using Starlab's TipOne® tips. 3-year warranty.

| Volume Range<br>(Colour Coding)  | Increments                   | Volume<br>( $\mu$ l) | Systematic Error<br>(Inaccuracy) $\pm\%$ |          | Random Error<br>(Imprecision) $\pm\%$ |          | Art. No. |            |
|--|------------------------------|----------------------|--|----------|---------------------------------------|----------|----------|------------|
|  |                              |                      | 8655-2                                   | ErgoOne® | 8655-2                                | ErgoOne® |          |            |
| 8-CHANNEL PIPETTES   |                              |                      |  |          |                                       |          |          |            |
|   | 0.5 – 10 $\mu$ l<br>(Red)    | 0.01 $\mu$ l         | 1.0                                      | 24       | 8.0                                   | 16       | 5.0      | S7108-0510 |
|  |                              |                      | 5.0                                      | 4.8      | 4.0                                   | 3.2      | 2.0      |            |
|  |                              |                      | 10                                       | 2.4      | 2.0                                   | 1.6      | 1.0      |            |
|   | 10 – 100 $\mu$ l<br>(Yellow) | 0.1 $\mu$ l          | 10                                       | 16       | 3.0                                   | 6.0      | 2.0      | S7108-1100 |
|  |                              |                      | 50                                       | 3.2      | 1.0                                   | 1.2      | 0.8      |            |
|  |                              |                      | 100                                      | 1.6      | 0.8                                   | 0.6      | 0.3      |            |
|   | 30 – 300 $\mu$ l<br>(Green)  | 0.2 $\mu$ l          | 30                                       | 26.7     | 3.0                                   | 10       | 1.0      | S7108-3300 |
|  |                              |                      | 150                                      | 5.3      | 1.0                                   | 2.0      | 0.5      |            |
|  |                              |                      | 300                                      | 2.7      | 0.6                                   | 1.0      | 0.3      |            |
| 12-CHANNEL PIPETTES  |                              |                      |  |          |                                       |          |          |            |
|   | 0.5 – 10 $\mu$ l<br>(Red)    | 0.01 $\mu$ l         | 1.0                                      | 24       | 8.0                                   | 16       | 5.0      | S7112-0510 |
|  |                              |                      | 5.0                                      | 4.8      | 4.0                                   | 3.2      | 2.0      |            |
|  |                              |                      | 10                                       | 2.4      | 2.0                                   | 1.6      | 1.0      |            |
|   | 10 – 100 $\mu$ l<br>(Yellow) | 0.1 $\mu$ l          | 10                                       | 16       | 3.0                                   | 6.0      | 2.0      | S7112-1100 |
|  |                              |                      | 50                                       | 3.2      | 1.0                                   | 1.2      | 0.8      |            |
|  |                              |                      | 100                                      | 1.6      | 0.8                                   | 0.6      | 0.3      |            |
|  | 30 – 300 $\mu$ l<br>(Green)  | 0.2 $\mu$ l          | 30                                       | 26.7     | 3.0                                   | 10       | 1.0      | S7112-3300 |
|  |                              |                      | 150                                      | 5.3      | 1.0                                   | 2.0      | 0.5      |            |
|  |                              |                      | 300                                      | 2.7      | 0.6                                   | 1.0      | 0.3      |            |

Tested in accordance with EN ISO 8655, using Starlab's TipOne® tips. 3-year warranty.

Just one click away:  
order your **ErgoOne®**  
pipette online.

ErgoOne® single and multi-channel pipettes provide reliable pipetting every day. Ergonomic and lightweight, ErgoOne® pipettes are perfect for comfortable pipetting during long periods of use.



# ErgoOne® accessories.



## ErgoOne® Universal Carousel Stand

S7200-0000

For up to 8 pipettes (UV Resistant)

For use with: ErgoOne®, Biohit®, Finn®, Gilson®, Rainin® single or multi-channel pipettes



## ErgoOne® Wall Mount

S7200-0001

For use with: ErgoOne® single or multi-channel pipettes



## ErgoOne® Bench Support (Pack of 5)

E3099-0002

For use with one, single-channel ErgoOne® pipette



## Universal Acrylic Pipette Stand

E3099-0000

For up to five pipettes. UV Resistant.

For use with: ErgoOne®, Biohit®, Finn®, Eppendorf®, Gilson®, Rainin® single or multi-channel pipettes



## ErgoOne® Self-Adhesive Shelf Holder

E3099-0001

For one pipette. UV Resistant.

For use with: ErgoOne® single or multi-channel pipettes

Pipettes not included. Images for illustrative purposes only.



# ErgoOne® starter packs.

## For the perfect pipetting partnership.

### FOR YOUR NEW PIPETTING EXPERIENCE

ErgoOne® is setting the new standard in pipetting. Alongside Starlab's trusted TipOne® pipette tips, the pair creates the perfect pipetting partnership.



### CHOOSE YOUR PACK

Three different Starter Packs are available. Just choose the pipette volumes you need, and get ready to start something great in your lab.





### ECO-FRIENDLY SHIPPER

Recyclable cardboard made with 30% grass. This material requires less water and energy consumption as well as significantly less chemical use. Grass is sourced from unused compensation areas in Germany. Hayfever? No problem! There is no allergy risk.



# ErgoOne® starter packs.



| CONTENTS  | STARTERPACK | STARTERPACK42.5 | STARTERPACK410 |
|---|-------------|-----------------|----------------|
|  <b>0.1 – 2.5 µl ErgoOne® Single-Channel Pipette</b><br>S7100-0125               |             | ●               |                |
|  <b>0.5 – 10 µl ErgoOne® Single-Channel Pipette</b><br>S7100-0510                |             |                 | ●              |
|  <b>2.0 – 20 µl ErgoOne® Single-Channel Pipette, Standard Cone</b><br>S7100-0220 | ●           | ●               | ●              |
|  <b>20 – 200 µl ErgoOne® Single-Channel Pipette</b><br>S7100-2200                | ●           | ●               | ●              |
|  <b>100 – 1000 µl ErgoOne® Single-Channel Pipette</b><br>S7110-1000              | ●           | ●               | ●              |
|  <b>TipOne® Pipette Tips</b><br>(three racks of sterile tips per pack)         | ●           | ●               | ●              |
|  <b>Self-Adhesive Pipette Holder</b><br>(one holder per per pipette supplied)  | ●           | ●               | ●              |
|  <b>Laboratory Timer</b><br>(one timer per pack)                               | ●           | ●               | ●              |

 [starlab.click/starterpacks](http://starlab.click/starterpacks)

# ErgoOne® E electronic pipettes.



## EASY TO READ DIGITAL DISPLAY

Large, digital volume display and easy to master, intuitive menu structure makes the ErgoOne® E the researcher's choice for easy, everyday pipetting.

## AUTOCLAVABLE PIPETTE SHAFT

Unscrew shaft for quick autoclaving

## ERGONOMIC

Significantly reduced tip loading forces



## CAN BE RECHARGED DURING USE

You will never be without the use of your pipette – the ErgoOne® E can be recharged during use!

## LONG LASTING BATTERY

~4000 pipetting cycles on one charge! Auto shut-off after 10 minutes of inactivity helps save battery charge.

## ADJUSTABLE

Ergonomically designed finger rest

## COMFORTABLE

Ergonomic hand grip

## UNIVERSAL TIP FIT

# ErgoOne® E electronic pipettes.

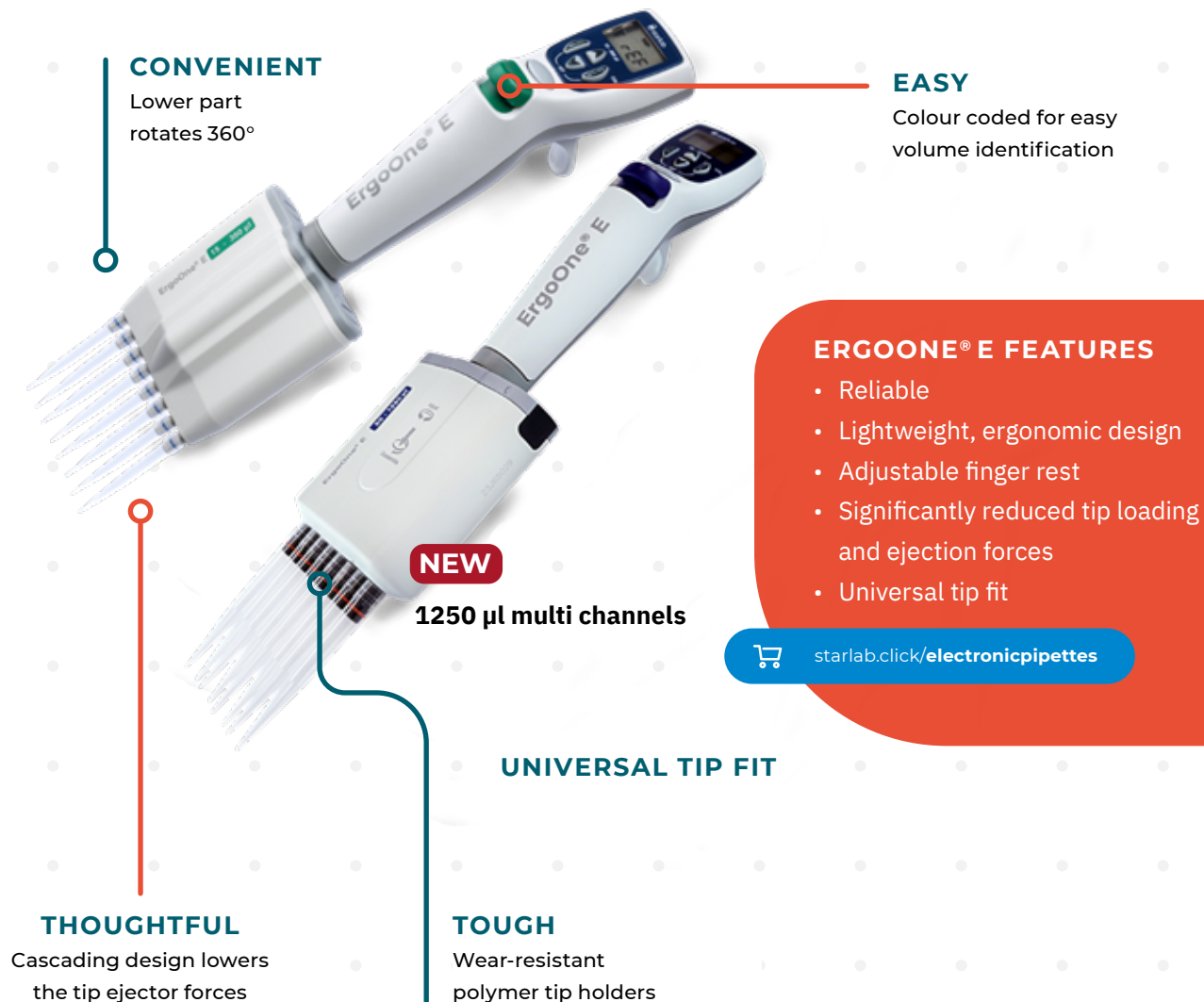
## RELIABLE & ERGONOMIC

ErgoOne® E single and multi-channel pipettes provide reliable pipetting every day. These micro-processor controlled, battery-operated, piston-stroke members of the ErgoOne® family have been optimised for ergonomic operation and ease of use. The adjustable finger rest and the significantly reduced tip loading and ejection forces makes ErgoOne® E the perfect companion for comfortable pipetting during long periods of use. ErgoOne® E is compatible with TipOne® tips but the optimized design of the tip cone provides the user with a convenient universal tip fit.






## FIVE OPERATING MODES

- 1. Pipetting:** A previously set volume is aspirated into the pipette tip and then discharged.
- 2. Reverse Pipetting:** Program especially for pipetting liquids with a high viscosity or vapor pressure or those that tend to foam.
- 3. Mixing:** The sample is repeatedly aspirated and discharged.
- 4. Dispense:** An aspirated volume is dispensed repeatedly in defined steps.
- 5. Electrophoresis\*:** A predefined sample volume is aspirated at high, adjustable speed and then slowly discharged.

\* GEL mode is not available for ErgoOne® E 1000 µl, 1250 µl and 5000 µl.



# Technical data & ordering information.

| Volume Range<br>(Colour Coding)   | Increments | Systematic Error<br>(Inaccuracy) ±% | Random Error<br>(Imprecision) ±% | Art. No.   |
|---|------------|-------------------------------------|----------------------------------|------------|
| SINGLE-CHANNEL PIPETTES   |            |                                     |                                  |            |
|  0.5 – 10 µl<br>(red)      | 0.01 µl    | 5.0 / 1.5 / 1.0                     | 2.0 / 0.8 / 0.4                  | G9001-0010 |
|  2.0 – 20 µl<br>(red)      | 0.02 µl    | 5.0 / 1.5 / 1.0                     | 2.5 / 0.8 / 0.4                  | G9001-0020 |
|  10 – 200 µl<br>(yellow)   | 0.2 µl     | 4.0 / 1.2 / 0.8                     | 0.6 / 0.3 / 0.2                  | G9001-0200 |
|  50 – 1000 µl<br>(blue)    | 1.0 µl     | 3.0 / 1.0 /                         | 0.6 0.6 / 0.3 / 0.2              | G9001-1000 |
|  250 µl – 5 ml<br>(violet) | 5.0 µl     | 3.0 / 1.0 /                         | 0.6 0.6 / 0.3 / 0.2              | G9001-5000 |

Single-channels supplied with battery, AC Adapter and silicone oil. Final test values related to nominal value which is printed on the device (ie, max. volume) and the indicated volume steps, according to DIN EN ISO 8655. 1-year warranty.

Just one click away: order your **ErgoOne® E** pipette online.

ErgoOne® E pipettes provide reliable pipetting every day. These micro-processor controlled, battery-operated, piston-stroke pipettes, have been optimised for ergonomic operation and ease of use.



[starlab.click/electronicpipettes](http://starlab.click/electronicpipettes)



**NEW**

**NEW**

| Volume Range<br>(Colour Coding)  | Increments | Systematic Error<br>(Inaccuracy) ±% | Random Error<br>(Imprecision) ±% | Art. No.   |
|--|------------|-------------------------------------|----------------------------------|------------|
| 8-CHANNEL PIPETTES   |            |                                     |                                  |            |
|  0.5 – 10 µl<br>(red)       | 0.01 µl    | 8.0 / 2.0 / 1.2                     | 4.0 to 0.8                       | G9008-0010 |
|  1.0 – 20 µl<br>(red)       | 0.02 µl    | 8.0 / 2.0 / 1.0                     | 3.0 to 0.5                       | G9008-0020 |
|  5.0 – 100 µl<br>(yellow)   | 0.1 µl     | 4.0 / 1.6 / 0.8                     | 1.5 to 0.25                      | G9008-0100 |
|  15 – 300 µl<br>(green)     | 0.5 µl     | 3.0 / 1.2 / 0.6                     | 1.2 to 0.25                      | G9008-0300 |
|  50 – 1250 µl<br>(blue)     | 1.0 µl     | 5.0 / 1.2 / 1.0                     | 1.2 to 0.25                      | G9008-1250 |
| 12-CHANNEL PIPETTES  |            |                                     |                                  |            |
|  0.5 – 10 µl<br>(red)      | 0.01 µl    | 8.0 / 2.0 / 1.2                     | 4.0 to 0.8                       | G9012-0010 |
|  1.0 – 20 µl<br>(red)     | 0.02 µl    | 8.0 / 2.0 / 1.0                     | 3.0 to 0.5                       | G9012-0020 |
|  5.0 – 100 µl<br>(yellow) | 0.1 µl     | 4.0 / 1.6 / 0.8                     | 1.5 to 0.25                      | G9012-0100 |
|  15 – 300 µl<br>(green)   | 0.5 µl     | 3.0 / 1.2 / 0.6                     | 1.2 to 0.25                      | G9012-0300 |
|  50 – 1250 µl<br>(blue)   | 1.0 µl     | 5.0 / 1.2 / 1.0                     | 1.2 to 0.25                      | G9012-1250 |

Final test values related to nominal value which is printed on the device (ie, max. volume) and the indicated volume steps, according to DIN EN ISO 8655. 1-year warranty.

## Multi-channel combo packs:

10 µl to 300 µl multi-channel pipettes supplied with a battery, AC Adapter, individual stand (G999-1004), one rack of TipOne® pipette tips, and silicone oil. 1250 µl models supplied with battery, AC Adapter, pipette shelf holder (G999-1009), two racks of TipOne® pipette tips, and silicone oil.

# ErgoOne® E accessories.



## Charging Stand

G9999-1001

With AC Adapter for Europe/UK (230V/50 Hz) for single-channel pipettes up to 1000 µl



## Self Holder

G9999-1009

For all ErgoOne® E pipettes

**NEW**



## Silicone Oil for Piston

G9999-1006

For single-channel pipettes, (10 µl to 1000 µl)



## Individual Stand

G9999-1002

For single-channel pipettes (10 µl to 1000 µl)



## Wall Mount

G9999-1010

For all ErgoOne® E pipettes

**NEW**



## Silicone Oil for Piston

G9999-1007

For 5000 µl single-channel and all volumes of multi-channel



## Individual Stand

G9999-1003

For 5000 µl single-channel pipette only



## Individual Stand

G9999-1011

For all ErgoOne® E pipettes

**NEW**



## Fluorstatic Grease

G9999-1008

For Guiding Axis for all volumes of multi-channel



## Individual Stand

G9999-1004

For multi-channel pipettes up to 300 µl



## AC Adapter

G9999-1000

for Europe/UK (230V/50 Hz)



## Piston grease

G9999-1012

For 1250 µl multi-channels only



## Replacement Battery

G9999-1005

For all ErgoOne® E pipettes

Pipettes not included. Images for illustrative purposes only.



# TipOne® pipette tips.

## PURE, BUT NOT SIMPLE

With TipOne® Starlab has developed one of the world's leading pipette tip systems. Pipette tips are so much more than just a piece of plastic. Starlab knows that the quality of the pipette tip you use is the foundation of the scientific process.

## A SYSTEM, WITH A SYSTEM!

TipOne® is the original, plastic-saving pipette tip system, designed to be reused, refilled and recycled. The exceptional quality of our racks means they can be reused again and again with the refills - even if autoclaving! - without any loss of stability or shape. Refills require less raw materials to manufacture compared to racked tips, resulting in less consumption of resources, and lower CO<sub>2</sub> emissions during production and delivery. The compact refill designs also help save valuable storage space in your lab. What's more, the clear polypropylene packaging on the TipOne® refills is made from 100% recycled plastic!



**CERTIFIED**



## ONE TIP FITS ALL

The tip collar of TipOne® tips is engineered to fit all popular pipettes without any loss of accuracy or precision.



**WATCH VIDEO**



[starlab.click/tipone](https://starlab.click/tipone)



# Pipette calibration service.

## FOR ACCURACY TO THE LAST DROP!

Pipettes are one of the most frequently used instruments in the lab. Every day, pipettes are used to perform multiple tasks that must be exact and precise. Reliability is key, as pipetting is used across a variety of working steps, and any inaccuracy and imprecision can have a negative influence on your results.

An accurate and precise pipette will help you provide consistent and reliable results. It can also significantly reduce the risk of having to repeat work, which not only costs your time but also the extra cost of the consumables and reagents needed to repeat experiments.

## WHY CALIBRATE WITH STARLAB?

Starlab are liquid handling experts. We design and manufacture our own brand TipOne® pipette tips and ErgoOne® pipettes. What we don't know about pipetting is not worth knowing!

Let Starlab be your professional pipette calibration service of choice. We offer a range of servicing levels to suit all needs.

For more information:

[starlab.click/pipetteservice](https://starlab.click/pipetteservice)







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Passionate for science.



**Just one click away:  
order your **ErgoOne®** pipette online.**

Our family of ErgoOne® pipettes with convenient, universal tip fit will provide you with the perfect pipette for your needs, whatever the application.

Manual or electronic, you choose! The ErgoOne® family consists of a range of pipettes that provide the accuracy and precision you need, and ergonomic design principles you will love.

 [starlab.click/pipettes](http://starlab.click/pipettes)