



Liquid Handling

Version 2.0

LabCo® Scientific offers a wide range of liquid handling solutions that cater to the diverse needs of our customers. Whether you are looking for cost-effective options or precision instruments, we are committed to finding the ideal balance between affordability and accuracy.

Our dedicated team of experts are ready to guide you in selecting liquid handling solutions that align with your specific requirements.

BOTTLE TOP DISPENSERS

Our range of LabCo® and Optifix® bottle top dispensers offer a safer and more efficient way of handling liquids. To make your selection easier, you will find a comprehensive chemical resistance guide for both brands of dispensers in this brochure.

PIPETTORS

Our selection of pipettors includes the popular LabCo® and IKA® brands, offering both single and multi channel pipettors. With LabCo® you can expect quality at an affordable price, while the IKA® range provides exceptional precision and offers versatility with their range of multi channel pipettors. We also offer a variety of stands and accessories to enhance functionality and ease of use.

PIPETTING AIDS

Whether you need a traditional red rubber 3 valve pipette filler all the way through to an electronic pipette filler, we've got you covered! The LabCo® electronic pipette filler is a favourite, featuring an ergonomic and lightweight design plus electronic control with 8 speed settings and digital display – experience effortless and efficient pipetting!

CONSUMABLES

We offer a wide range of consumables including pipette tips, reagent reservoirs, serological pipettes and more, that can be used in conjunction with our liquid handling products. We've included these in this brochure for your convenience.

View our entire range of Liquid Handling products on our website [here](#).



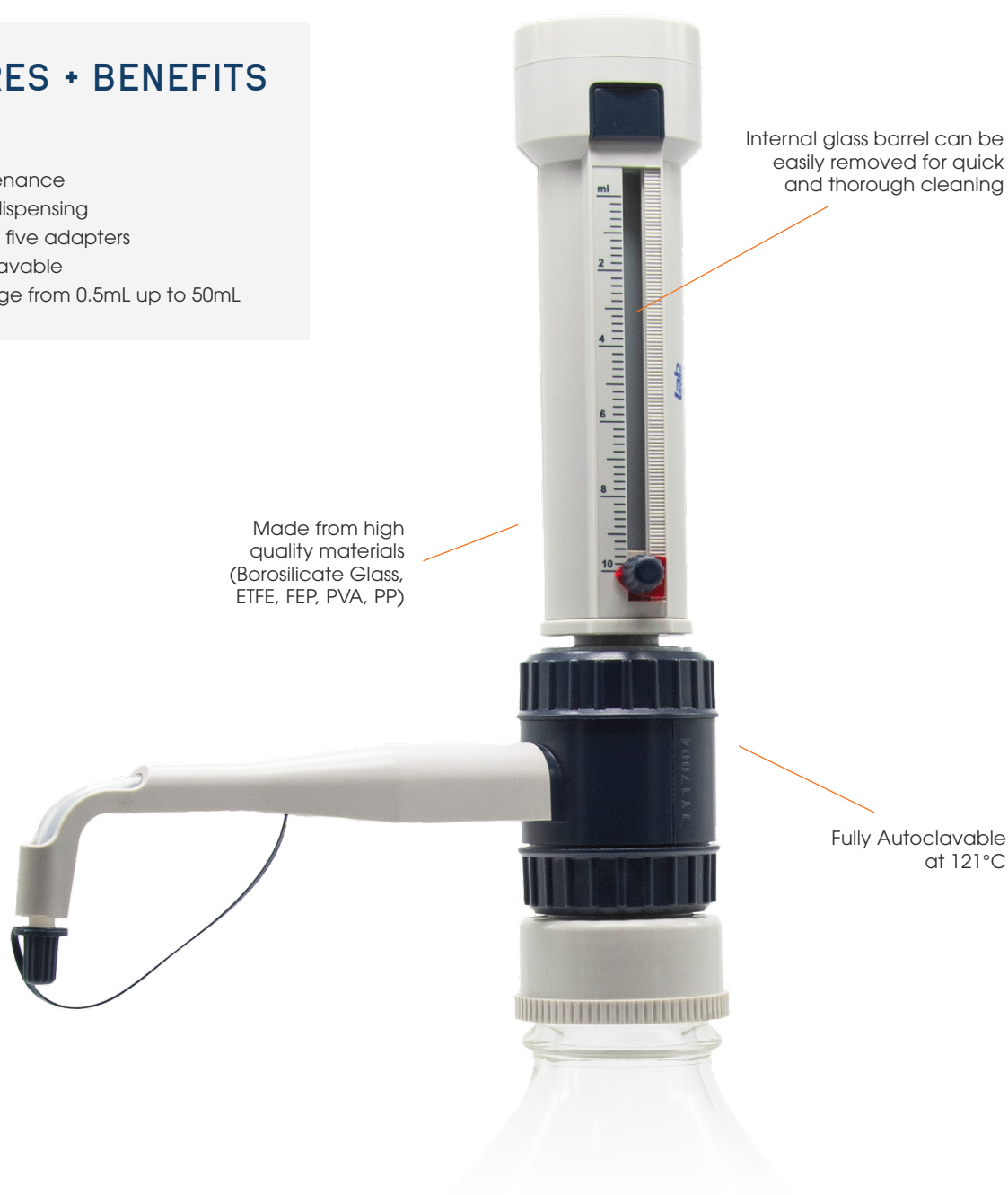
The LabCo® Bottle Top Dispenser is designed to meet your laboratory needs with ease of use and affordability in mind. With easy maintenance, including a removable internal glass barrel for quick and thorough cleaning, you can ensure optimal performance while saving on long-term costs.

Constructed with high quality materials like borosilicate glass, ETFE, FEP, PVA, and PP, this dispenser offers good chemical resistance for confident dispensing of a wide range of liquids. Additionally, the dispenser comes with adapters to fit most common laboratory bottles, allowing for seamless integration into your workflow.

Its fully autoclavable design ensures sterility, and with four different volume ranges from 0.5mL up to 50mL, you have the flexibility to handle various sample volumes accurately. Experience reliability, convenience, and exceptional value in your liquid handling tasks.

FEATURES + BENEFITS

- Easy maintenance
- Confident dispensing
- Comes with five adapters
- Fully autoclavable
- Volume range from 0.5mL up to 50mL



OPERATION

Volume adjustment is quick and easy, allowing precise dispensing

Closure cap can be easily removed and attached

The dispenser will screw directly onto a standard GL45 thread



Dismantling tool supplied with delivery

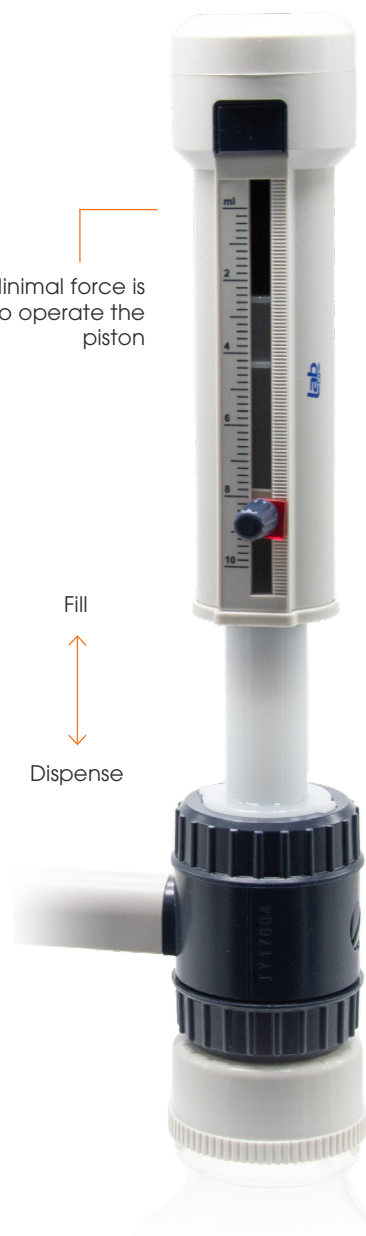


The dispenser is supplied with PP adapters for the following standard threads; GL25, GL28, GL32, GL38 and S40

Minimal force is required to operate the piston

Fill

Dispense



TECHNICAL INFORMATION

Bottle Top Dispenser | LabCo®

PRODUCT CODE	VOLUME RANGE	GRADUATION	ACCURACY		COEFFICIENT OF VARIATION		TEMPERATURE	VAPOUR PRESSURE	DENSITY
			%	UL	%	UL			
550.001.305	0.5 – 5mL	0.1mL	0.5	25	0.1	5	15 - 40°C	Max. 500mBar	Max. 2.2g/cm ³
550.001.310	1.0 – 10mL	0.2mL	0.5	50	0.1	10	15 - 40°C	Max. 500mBar	Max. 2.2g/cm ³
550.001.325	2.5 – 25mL	0.5mL	0.5	125	0.1	25	15 - 40°C	Max. 500mBar	Max. 2.2g/cm ³
550.001.350	5.0 – 50mL	1.0mL	0.5	250	0.1	50	15 - 40°C	Max. 500mBar	Max. 2.2g/cm ³

Ordering Information

Each unit is supplied with: Bottle top dispenser, 5 x PP adapters (GL25, GL28, GL32, GL38, S40), dismantling tool, filling tube (220mm) and user manual.

PRODUCT CODE	VOLUME RANGE	PACK SIZE
550.001.305	0.5 – 5mL	Each
550.001.310	1.0 – 10mL	Each
550.001.325	2.5 – 25mL	Each
550.001.350	5.0 – 50mL	Each



Don't forget - you can download user manuals directly from the resources page on our website!

CHEMICAL RESISTANCE GUIDE



Please note: Information provided in the below LabCo® Bottle Top Dispenser chemical resistance guide is a guide only and does not represent a guarantee. The information refers to the following construction materials only; borosilicate glass, PTFE, FEP.

CHEMICAL RESISTANCE GUIDE					
CHEMICAL NAME	RESISTANCE	CHEMICAL NAME	RESISTANCE	CHEMICAL NAME	RESISTANCE
1,4 Dioxane & Tetrahydrofuran I		Ethyl Ether		Nitric Acid 50%	
2-Ethoxyethyl Acetate		Ethylene Glycol		Nitric Acid, Fuming	
Acetaldehyde		Fluorinated Hydrocarbons		Phenol, 100%	
Acetic Acid 25%		Formaldehyde Solution 30%		Phenol, Aqueous 10%	
Acetic Acid, Glacial		Formic Acid 25%		Phosphoric Acid 25%	
Acetone Magnesium Chloride aq.		Formic Acid 85%		Phosphoric Acid 85%	
Ammonia, 25% ac. Sol.		Gasoline		Potassium Chloride aq. Sol.	
Ammonium Hydroxide 25%		Glycerol		Potassium Hydroxide	
Amyl & Propyl Acetate		Hexane		Potassium Permanganate aq. Sol.	
Amyl Alcohol, Butanol		Hydrochloric Acid 25% Tricresyl		Propylene Glycol	
Aniline		Hydrochloric Acid, Concentrated		Propylene Glycol Acetate	
Arsenic Acid		Hydrofluoric Acid 35% X		Pyridine	
Benzene		Hydrogen Peroxide 30%		Silicone Oil & Mineral Oil	
Benzyl Alcohol		Iodine (tincture of)		Silver Nitrate	
Benzyl Benzoate		Isopropanol, n-Propanol		Sodium Carbonate	
Boric Acid 10%		Isopropyl Ether		Sodium Dichromate	
Butyl Acetate		Isopropyl Myristate		Sodium Hydroxide	
Calcium Chloride aq. Sol.		Isopropylacetone		Sulphuric Acid 25%	
Carbon Tetrachloride		Kerosene		Sulphuric Acid, Concentrated	
Chlorine		Magnesium Chloride aq. Sol.		Tetralin	
Chlorobenzene		Mercury		Toluene	
Chloroform		Methanol 98%		Trichloroacetic Acid 10%	
Chromic Acid 20%.		Methyl Acetate		Trichloroethylene	
Decalin		Methyl Cellosolve Acetate		Tricresyl Phosphate	
Diethylacetamide		Methyl Chloride		Triethanolamine	
Dimethyl Formamide		Methyl Ethyl Ketone		Xylene	
Dimethylsulphoxide (DMSO)		Methyl Isobutyl Ketone		Zinc Chloride 10%	
Ethanol 70%		Methylene Chloride		Zinc Sulphate 10%	
Ethanol 98%		Monochlorobenzene, Freon			
Ethyl Acetate		Nitric Acid 25%			

	Resistant
	Partially Resistant
	Non-Resistant

Bottle Top Dispenser | Optifix®



Renowned for their reliability and precision, Optifix® dispensers have established themselves as a brand you can trust in research facilities worldwide. Whether you require a basic dispenser, enhanced safety features, solvent compatibility or the handling of highly corrosive substances like hydrofluoric acid (HF), the Optifix® range is sure to offer a solution for your requirements. Each dispenser undergoes rigorous quality control checks to meet the highest standards, ensuring durability and long lasting performance.

FEATURES + BENEFITS

- Volume setting system
- Dispensing piston
- Valve block
- Finger protection cap
- Precision dispensing cylinder
- FIX adapter
- Autoclavable*

Volume Setting System

- Fast & easy volume setting
- Easy to read scale

Dispensing Piston

- Made of glass, solid PTFE encased (except Solvent)
- Virtually indestructible

Valve Block

- 100% tightness
- No Metal springs

Finger Protection Cap

- Ergonomic form
- Colour code system

Precision Dispensing Cylinder

- Made of glass
- Dosing procedure visible (excl. HF)
2-100mL dispensers coated with plastic (protect against breakage)
- Easy to read graduations
- Easy to disassemble and clean

"FIX Adapter"

- Dispensing spout can be turned 360°
- Made of PP (Basic & Solvent up to 10ml)
- Made of PTFE for Basic, Solvent, Safety & HF from 30mL-200mL

Autoclavable*

- Basic & Solvent can be sterilised at 121°C



Bottle Top Dispenser | Optifix®



Optifix® BASIC

For dispensing most common liquids, light acids and crystallising liquids (no HF), with a dispensing cylinder made of glass and with PTFE-encased glass piston.



Optifix® SOLVENT

For dispensing pure organic solvents (no HF), with a dispensing cylinder and piston made of glass.



Optifix® SAFETY

For dispensing strong acids and aggressive chemicals (no HF), with a dispensing cylinder made of glass and PTFE-encased glass piston with sealing lip.



Optifix® HF

For dispensing all media that can be handled by other Optifix® dispensers and in addition, for hydrofluoric acid (HF). Its dispensing cylinder is made of PTFE, with a solid PTFE-encased glass piston and sealing lip.

EXPERIENCE REMOTE DISPENSING WITH THE WANDERER!

WANDERER

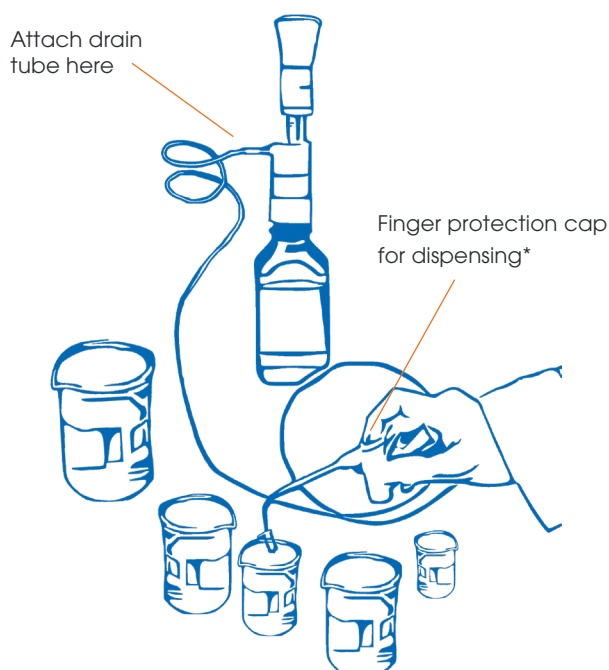
The Wanderer is a flexible universal drain tube that allows the user to experience flexible and remote, serial dispensing. Simply attach the Wanderer onto an Optifix® SAFETY dispenser.

- Tubing and dispensing valve are made of PTFE
- Contains metal spring
- Prevents liquid from coming out and stops liquid from flowing back

Ordering Information

PRODUCT CODE	VOLUME RANGE	PACK SIZE
101.104-01	2 - 10mL	Each
101.104-02	30 - 50mL	Each
101.104-06	100mL	Each

*To deaerate the device and the drain tube, the finger protection cap is raised and pressed down a number of times so that no air bubbles are visible in the dosing cylinder or in the universal drain tube.



TECHNICAL + ORDERING INFORMATION



All Optifix® dispensers are supplied with: Standard GL 32 thread, supplied with additional GL 40 and GL 45 polypropylene adapters and PTFE intake tube.

BASIC: Suitable for use with non-fuming acids, alkalis and salt solutions

PRODUCT CODE	TYPE	VOLUME RANGE	GRADUATION	ACCURACY %	COEFFICIENT OF VARIATION %	PACK SIZE
101.080-27	Basic	0.4 - 2mL	0.1mL	0.6	0.2	Each
101.080-33	Basic	1 - 5mL	0.1mL	0.6	0.2	Each
101.080-38	Basic	2 - 10mL	0.2mL	0.6	0.2	Each
101.080-44	Basic	5 - 30mL	0.5mL	0.6	0.2	Each
101.080-48	Basic	10 - 50mL	1mL	0.6	0.2	Each
101.080-51	Basic	20 - 100mL	2mL	0.6	0.2	Each

SOLVENT: Suitable for dispensing solvents

PRODUCT CODE	TYPE	VOLUME RANGE	GRADUATION	ACCURACY %	COEFFICIENT OF VARIATION %	PACK SIZE
101.081-27	Solvent	0.4 - 2mL	0.1mL	0.6	0.2	Each
101.081-33	Solvent	1 - 5mL	0.1mL	0.6	0.2	Each
101.081-38	Solvent	2 - 10mL	0.2mL	0.6	0.2	Each
101.081-44	Solvent	5 - 30mL	0.5mL	0.6	0.2	Each
101.081-48	Solvent	10 - 50mL	1mL	0.6	0.2	Each
101.081-51	Solvent	20 - 100mL	2mL	0.6	0.2	Each
101.081-53	Solvent	40 - 200mL	5mL	0.6	0.2	Each

SAFETY: Suitable for dispensing strong fuming acids and smelling liquids, features manual dispensing action for additional operator safety

PRODUCT CODE	TYPE	VOLUME RANGE	GRADUATION	ACCURACY %	COEFFICIENT OF VARIATION %	PACK SIZE
101.107-27	Safety	0.4 - 2mL	0.1mL	0.6	0.2	Each
101.107-33	Safety	1 - 5mL	0.1mL	0.6	0.2	Each
101.107-38	Safety	2 - 10mL	0.2mL	0.6	0.2	Each
101.107-44	Safety	5 - 30mL	0.5mL	0.6	0.2	Each
101.107-48	Safety	10 - 50mL	1mL	0.6	0.2	Each
101.107-51	Safety	20 - 100mL	2mL	0.6	0.2	Each

HF: Suitable for use with Hydrofluoric Acid

PRODUCT CODE	TYPE	VOLUME RANGE	GRADUATION	ACCURACY %	COEFFICIENT OF VARIATION %	PACK SIZE
101.106-38	HF	2 - 10mL	0.2mL	0.6	0.2	Each
101.106-44	HF	5 - 30mL	1mL	0.6	0.2	Each

CHEMICAL RESISTANCE GUIDE



Please note: Information provided in the below chemical resistance guide is a guide only and does not represent a guarantee.

Visit [our website](#) to download the complete chemical resistance guide, spare parts and user manuals.

CHEMICAL RESISTANCE GUIDE						
PRODUCT	ACIDS		HF	ALKALIS	SALT SOLUTIONS	SOLVENTS
	WEAK	STRONG				
Fortuna® Optifix® BASIC						
Fortuna® Optifix® SOLVENT						
Fortuna® Optifix® SAFETY						
Fortuna® Optifix® HF						

	Preferred Recommended
	Recommended
	Not Recommended

Pipette Filler

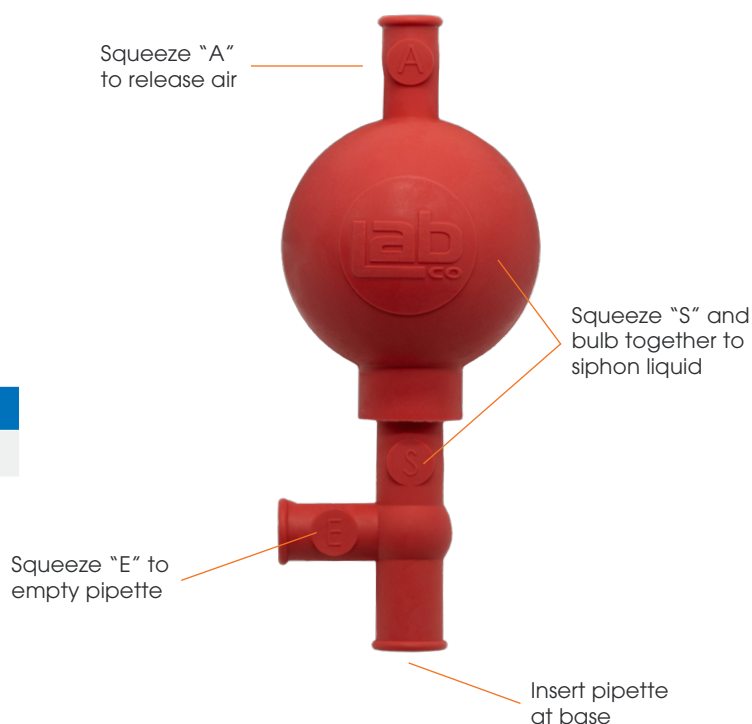
We offer a range of pipette pumps and fillers to suit your budget and needs. Whether you need the traditional red rubber 3 valve filler through to the electronic pipette filler – we've got you covered!

FEATURES

- 3 valve design
- Red rubber composition

Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.001.270	Pipette Filler 3 Valve	Each



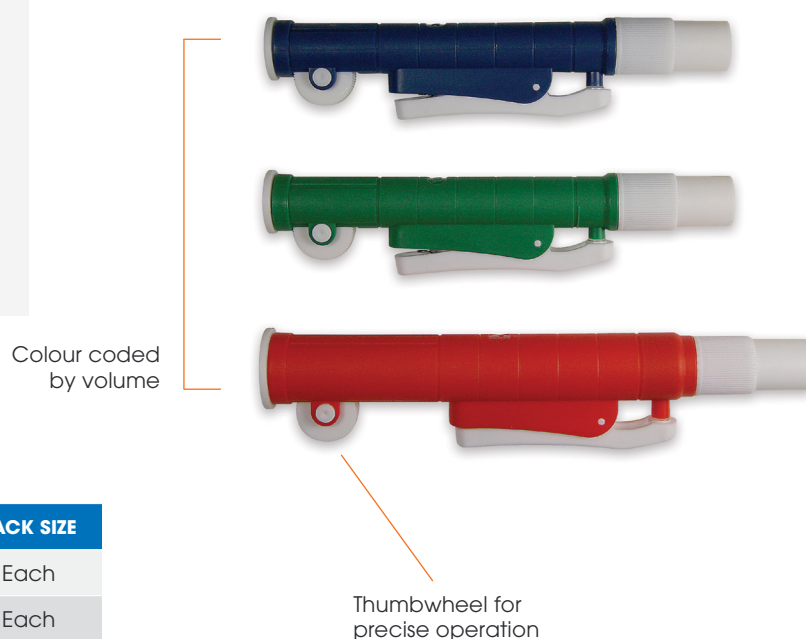
Pipette Pumps

FEATURES + BENEFITS

- One hand operation
- Colour coded by volume
- Thumbwheel for precise operation
- Easily disassembled for cleaning

Ordering Information

PRODUCT CODE	VOLUME	COLOUR	PACK SIZE
550.001.290	2mL	Blue	Each
550.001.291	10mL	Green	Each
550.001.292	25mL	Red	Each



Pipette Controller

Reduce your hands-on time with the LabCo® manual pipette controller. It's suitable to use with a range of pipettes, glass or plastic, up to 100mL. It's easily maintained and cleaned and comes with a silicone nosecone to secure your pipette, that's fully autoclavable.

FEATURES + BENEFITS

- Ergonomic, robust and lightweight design
- Suitable for use with the full range of pipettes from 0.1mL to 100mL
- Utilises a replaceable, internal filter for protection against over-aspiration

OPERATION



Ordering Information

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.001.200	Pipette Controller Black	Each
SPARE PARTS		
550.001.252	Replacement 3µm Filter (non sterile)	Each

Electronic Pipette Filler



Experience confidence in control, and reduce fatigue with the ergonomic and lightweight LabCo® Electronic pipette filler. Easily aspirate up to 25mL in a matter of 5 seconds! When fully charged, you can expect more than 8 hours of intermittent use.

FEATURES + BENEFITS

Confidence in Control

- With 8 selectable aspiration/dispensing speeds, as well as gravity dispensing, every application and preference is catered to

Powerful

- Fills a 100mL pipette in moments

Display

- Large LCD displays battery life and speed setting

Protection

- Replaceable internal filter protects against over aspiration

Nosecone

- High quality silicone nose cone is fully autoclavable

Convenient

- 'Low Battery' alert
- Can be used while charging

OPERATION



TECHNICAL SPECIFICATIONS

SPEED SETTINGS	
Aspirating	8
Dispensing	8/Gravity
BATTERY	
Battery Type	Lithium Ion
Service Life	15+ Hours
Charging Time	2 Hours (approx)
FILTER	
Type	Hydrophobic 0.45µm
RANGE	
Pipette Suitability	0.1 - 100 mL

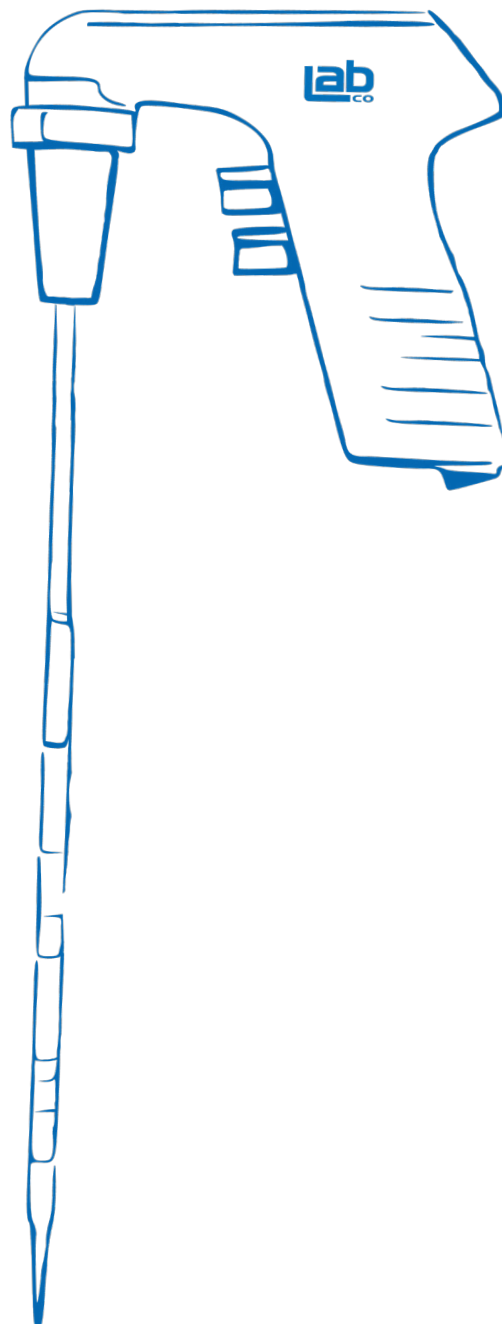
Ordering Information

Supplied with: Electronic pipette filler, wall-mount, battery charger, 0.45µm filter, user manual

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.001.005	Electronic Pipette Filler	Each
SPARE PARTS		
550.001.022	Replacement 0.45µm Filter (non sterile)	Each



Keep your laboratory tidy with the supplied wall mount



Pipettor | Single Channel



The LabCo® Single Channel Pipettor is a staple amongst Schools, Universities, Research Institutions, Agriculture, Food and Beverage laboratories and more. It's the go-to choice across scientific industries where precise liquid handling is required for research, development, quality control, and testing purposes.

Well suited for various applications including sample preparation, liquid transfers, PCR set up, the LabCo® pipettor delivers accurate and reliable results, according to ISO 8655/DIN 12650.

Ergonomically designed to be lightweight, it also has an integral finger support that may help reduce physical strain during repetitive pipetting tasks. Additionally, it is fully autoclavable, ensuring sterility in laboratory environments.

FEATURES + BENEFITS

Ergonomic

- An integral finger support and lightweight design reduces physical strain, making repetitive jobs less of a chore

Accurate

- Be confident in accuracy; each pipettor is supplied with a performance certificate, according to ISO8655/DIN12650

Volume Setting

- Is clearly displayed on the side of the unit

Ejector Key

- Conveniently located, allowing one handed operation

Range

- Range From 0.5µL to 10mL

Calibration & Maintenance

- Is easy with the supplied calibration tool

Autoclavable*

- Fully Autoclavable!

*121°C for 20 minutes.

*It is recommended that the performance of the pipettor is checked after each autoclave.



OPERATION

Turn the pipetting button to your desired volume. Push down and release to aspirate and the same again to dispense

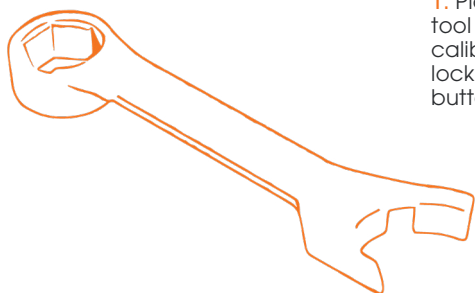
Keep your laboratory tidy and your pipettor stored upright with the bench mount included with delivery

Calibration adjustment lock

Each pipette is fitted with a tip ejector to help eliminate the safety hazards associated with contamination. The tip ejector needs to be pressed firmly downwards to ensure proper tip ejection



CALIBRATION IN JUST 3 EASY STEPS!



1. Place the calibration tool into the holes of the calibration adjustment lock (under the pipetting button)

2. Turn the adjustment lock anticlockwise to decrease and clockwise to increase the volume

3. Repeat performance test (checking calibration) procedure from step 1 until the pipetting results are correct

AUTOCCLAVING

Fully autoclavable using steam sterilisation at 121°C for 20 minutes. No disassembly needed! After autoclaving is complete, the pipettor must be left to rest for a period of 12 hours.

Grease the piston and seal of the pipettor after every 10 cycles.

CLEANING

To clean your pipettor you can simply use ethanol or IPA solution and a lint-free tissue (we recommend the LabCo® Delicate Task Wipes or LabCo® IPA ECO Wipes).

Ensure to clean the tip cone regularly.

STORAGE

We recommend keeping pipettors upright when not in use.

Each pipettor comes with a wall mount for a single pipettor. We also provide universal racks that can hold up to 6 pipettors.

TECHNICAL SPECIFICATIONS

VOLUME RANGE	GRADUATION	VOLUME TESTED	MAXIMUM PERMISSIBLE SYSTEMATIC ERROR (INACCURACY)		MAXIMUM PERMISSIBLE RANDOM ERROR (IMPRECISION)	
			%	µL	%	µL
0.5 - 10µL	0.1µL	10µL	1.00%	0.1µL	0.80%	0.8µL
		5µL	1.50%	0.075µL	1.50%	0.075µL
		1µL	2.50%	0.025µL	1.50%	0.015µL
2 - 20µL	0.5µL	20µL	0.90%	0.18µL	0.40%	0.08µL
		10µL	1.20%	0.12µL	1.00%	0.1µL
		2µL	3.00%	0.06µL	2.00%	0.04µL
10 - 100µL	1µL	100µL	0.80%	0.8µL	0.15%	0.15µL
		50µL	1.00%	0.5µL	0.40%	0.2µL
		10µL	3.00%	0.3µL	1.50%	0.15µL
20 - 200µL	1µL	200µL	0.60%	1.2µL	0.15%	0.3µL
		100µL	0.80%	0.8µL	0.30%	0.3µL
		20µL	3.00%	0.6µL	1.00%	0.2µL
100 - 1,000µL	5µL	1,000µL	0.60%	6µL	0.20%	2µL
		500µL	0.70%	3.5µL	0.25%	1.25µL
		100µL	2.00%	2µL	0.70%	0.7µL
1,000 - 5,000µL	50µL	5,000µL	0.50%	25µL	0.15%	7.5µL
		2,500µL	0.60%	15µL	0.30%	7.5µL
		1,000µL	0.70%	7µL	0.30%	3µL
1,000 - 10,000µL	100µL	10,000µL	0.60%	60µL	0.20%	20µL
		5,000µL	1.20%	60µL	0.30%	15µL
		1,000µL	3.00%	60µL	0.60%	12µL

Ordering Information

Supplied with: Pipettor, quality control certificate, bench mount, calibration tool, silicone grease, user manual

PRODUCT CODE	VOLUME RANGE	PACK SIZE
550.002.005	0.5 - 10µL	Each
550.002.007	2 - 20µL	Each
550.002.009	10 - 100µL	Each
550.002.011	20 - 200µL	Each
550.002.013	100 - 1,000µL	Each
550.002.015	1,000 - 5,000µL	Each
550.002.017	1,000 - 10,000µL	Each

Accessories

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.002.405	Rack for Pipettor 6 Place	Each
550.002.410	Rack for Pipettor 6 Place Carousel	Each



IKA® Pipettor | Single Channel



Exclusively distributed by LabCo® Scientific in Australia, experience the ergonomic feel of the IKA® Pette Vario, combined with uncompromising precise performance. The IKA® single channel pipettor can be used for a variety of applications in the pharmaceutical, clinical, diagnostic, research and life science sectors, where precise performance and repeatability is paramount. Manufactured in Germany, the IKA® Vario Pette stand shoulder to shoulder with some of the industry leading brands.

The IKA® Pette Vario is available in eight different sizes from as little as 0.1µL-2µL and as large 1mL-10mL. The diamond like coated tip cone is resistant to impact, UV and chemicals, providing long-term reliable dosing (volumes 200µL and under). You can ensure accuracy and precision with the volume locking feature, plus, each IKA® Pette is calibrated completely by robots and comes with an individual quality certificate and calibration certificate according to ISO 8655.

FEATURES + BENEFITS

Ergonomic design

- Easy one-handed operation with exchangeable grips for a comfortable fit

Colour coding

- Simplifies the rapid selection of a suitable pipette

Durable construction

- Made with high quality materials, resistance to impact, UV and chemicals, ensuring long-term reliable dosing

Thermally insulated

- Reduces volume errors

Fully autoclavable

- Ensuring easy sterilisation. This guarantees fault-free, precise and safe operation

User-friendly calibration

- Easy-to-use IKA® software for planning, performing and recording calibration tests

Simple maintenance

- The IKA® Pettes can be disassembled, cleaned and adjusted in just a few simple steps without any additional tool

Made in Germany

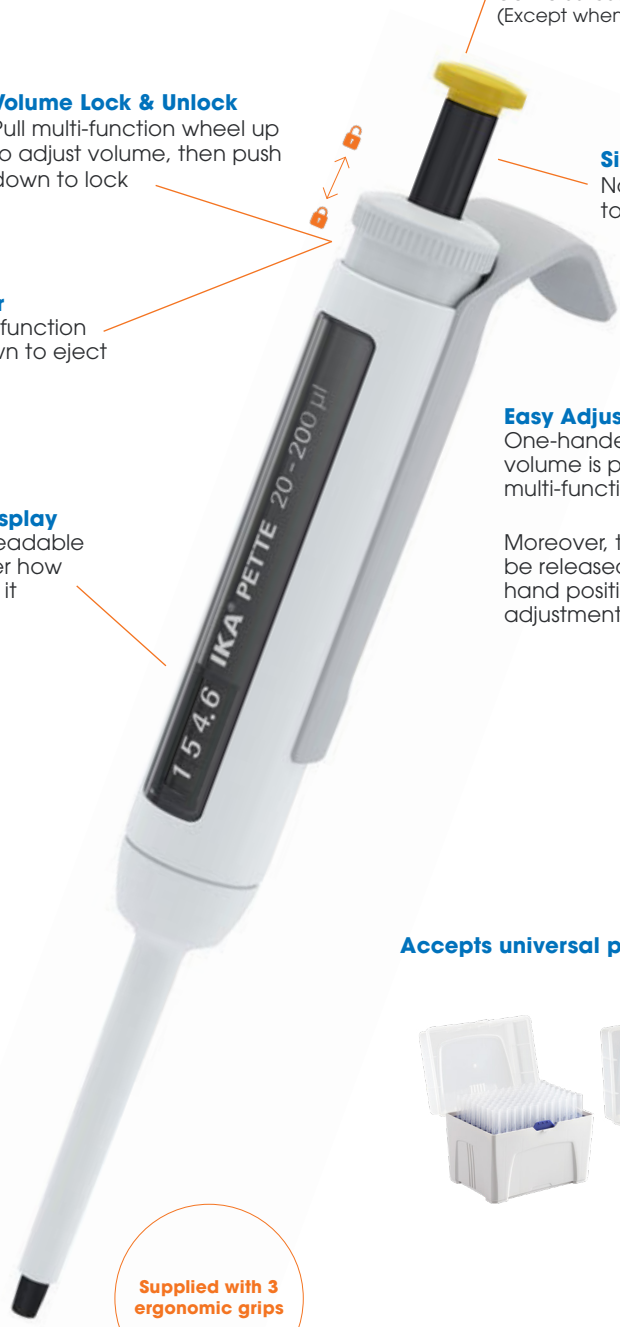
- 100% produced, assembled and calibrated in Germany



Here's what one customer had to say:

"Exceptionally tactile with simple understated design. Very conducive to seamless and efficient aliquoting! Particularly fond of the ratchet lock mechanism. Brilliant!"

OPERATION



Pipetting Button
Push down to aspirate/dispense. You can also use this to adjust the volume (Except when performing calibration)

Volume Lock & Unlock
Pull multi-function wheel up to adjust volume, then push down to lock

Simple Calibration
No need for a special tool!

Tip Ejector
Push multi-function wheel down to eject pipette tip

Large display
Always readable no matter how you hold it

Easy Adjustment
One-handed adjustment of the volume is possible using the multi-function knob.

Moreover, the pipette tip can be released, regardless of the hand position, while the volume adjustment is securely locked.

Accepts universal pipette tips

Supplied with 3 ergonomic grips

Ergonomic Handle Design
Each delivery includes exchangeable grips in different shapes and materials. Therefore it is guaranteed that they fit well in the palm of your hand.

The minimal frictional and spring forces also ensure dosing with ergonomic handling, without any effort.

Easily 'click' off the grip to exchange for another

Tool-less disassembly for simple daily maintenance!

Can be autoclaved at 121 °C completely or in a dismantled state

soft grip **firm grip large** **firm grip small**

TECHNICAL SPECIFICATIONS



Pipettor | Single Channel | IKA®

VOLUME RANGE	GRADUATION	VOLUME TESTED	MAXIMUM PERMISSIBLE SYSTEMATIC ERROR (INACCURACY)		MAXIMUM PERMISSIBLE RANDOM ERROR (IMPRECISION)	
			%	µL	%	µL
0.1 - 2µL	0.002µL	2µL	1.4%	0.028µL	0.7%	0.014µL
		1µL	2.5%	0.025µL	1.5%	0.015µL
		0.2µL	12%	0.024µL	6%	0.012µL
0.5 - 10µL	0.01µL	10µL	1%	0.1µL	0.4%	0.04µL
		5µL	1.5%	0.075µL	0.8%	0.04µL
		1µL	2.5%	0.025µL	1.8%	0.018µL
2 - 20µL	0.02µL	20µL	1%	0.2µL	0.3%	0.06µL
		10µL	1.2%	0.12µL	0.6%	0.06µL
		2µL	5%	0.1µL	1.5%	0.03µL
10 - 100µL	0.1µL	100µL	0.8%	0.8µL	0.2%	0.2µL
		50µL	1%	0.5µL	0.3%	0.15µL
		10µL	3%	0.3µL	1%	0.1µL
20 - 200µL	0.2µL	200µL	0.6%	1.2µL	0.2%	0.4µL
		100µL	1%	1µL	0.3%	0.3µL
		20µL	2.5%	0.5µL	0.7%	0.14µL
100 - 1000µL	1µL	1000µL	0.6%	6µL	0.2%	2µL
		500µL	1%	5µL	0.2%	1µL
		100µL	3%	3µL	0.6%	0.6µL
0.5 - 5mL	5µL	5000µL	0.6%	30µL	0.15%	7.5µL
		2500µL	1.2%	30µL	0.25%	6.25µL
		500µL	2.4%	12µL	0.6%	3µL
1 - 10mL	10µL	10000µL	0.6%	60µL	0.15%	15µL
		5000µL	0.8%	40µL	0.2%	10µL
		1000µL	3%	30µL	0.6%	6µL

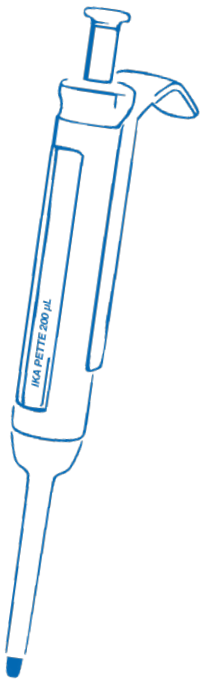
ORDERING INFORMATION



Pipettor | Single Channel | IKA®

Supplied with: Pipettor, 3 grips, grease, quality certificate and calibration certificate according to ISO 8655

PRODUCT CODE	VOLUME RANGE	PACK SIZE
0020011210I	0.1 - 2µL	Each
0020011211I	0.5 - 10µL	Each
0020011213I	2 - 20µL	Each
0020011214I	10 - 100µL	Each
0020011215I	20 - 200µL	Each
0020011216I	100 - 1,000µL	Each
0020011217I	0.5 - 5mL	Each
0020011218I	1 - 10mL	Each



Accessories

PRODUCT CODE	DESCRIPTION	PACK SIZE
0020018987I	Pipette Rack Linea	Each
0020107134I	Pipette Stand Ronda	Each
0020016449I	Filter for Pette 0.5 - 5mL	Each
0020016450I	Filter for Pette 1 - 10mL	Each



Protect your 5mL and 10mL IKA® Pipettors from aerosols forming or aspirating viscous or volatile solutions into the barrel



Linea Rack



Ronda Rack

Pipettor | Multi Channel | IKA®



The IKA® Pette Multi is a series of mechanical air-displacement pipettes available with either 8 or 12 channels for precise dispensing in microtiter or deep well plates. There are six different models available with different adjustable volume ranges from 0.5 to 200 µL.

The piston and tip cone are made from DLC-coated stainless steel. DLC is a diamond-like type of carbon which exhibits high levels of wear and corrosion resistance, together with particular hardness and low frictional indices. The DLC coating means that the tip cone is particularly insensitive and also ensures that the tips of the pipettes are always in perfect condition and are securely sealed, without leaks.

The extremely good anti-friction properties of the DLC also mean that the pipette will only need to be re-greased on rare occasions. The IKA® Multi Channel pipettes also boast all the same features as the single channel pipettes and are also supplied with the unique 3 grip handles.

Pipettor | 8 Channel | Variable Volume

Supplied with: Pipettor, 3 grips, grease, quality certificate and calibration certificate according to ISO 8655

PRODUCT CODE	VOLUME RANGE	PACK SIZE
0020017943I	0.5 - 10µL	Each
0020017944I	10 - 100µL	Each
0020017945I	20 - 200µL	Each

Pipettor | 12 Channel | Variable Volume

Supplied with: Pipettor, 3 grips, grease, quality certificate and calibration certificate according to ISO 8655

PRODUCT CODE	VOLUME RANGE	PACK SIZE
0020017946I	0.5 - 10µL	Each
0020017947I	10 - 100µL	Each
0020017948I	20 - 200µL	Each



TECHNICAL SPECIFICATIONS



Pipettor | Multi Channel | IKA®

8 CHANNEL						
VOLUME RANGE	GRADUATION	VOLUME TESTED	MAXIMUM PERMISSIBLE SYSTEMATIC ERROR (INACCURACY)		MAXIMUM PERMISSIBLE RANDOM ERROR (IMPRECISION)	
			%	µL	%	µL
8 x 0.5 - 10µL	0.01µL	10µL	2%	0.2µL	1%	0.1µL
		5µL	4%	0.2µL	2%	0.1µL
		1µL	8%	0.08µL	5%	0.05µL
8 x 10 - 100µL	0.1µL	100µL	0.8%	0.8µL	0.3%	0.3µL
		50µL	1%	0.5µL	0.8%	0.4µL
		10µL	3%	0.3µL	2%	0.2µL
8 x 20 - 200µL	0.2µL	200µL	0.8%	1.6µL	0.3%	0.6µL
		100µL	1%	1µL	0.65%	0.65µL
		20µL	3%	0.6µL	1.25%	0.25µL

12 CHANNEL						
VOLUME RANGE	GRADUATION	VOLUME TESTED	MAXIMUM PERMISSIBLE SYSTEMATIC ERROR (INACCURACY)		MAXIMUM PERMISSIBLE RANDOM ERROR (IMPRECISION)	
			%	µL	%	µL
12 x 0.5 - 10µL	0.01µL	10µL	2%	0.2µL	1%	0.1µL
		5µL	4%	0.2µL	2%	0.1µL
		1µL	8%	0.08µL	5%	0.05µL
12 x 10 - 100µL	0.1µL	100µL	0.8%	0.8µL	0.3%	0.3µL
		50µL	1%	0.5µL	0.8%	0.4µL
		10µL	3%	0.3µL	2%	0.2µL
12 x 20 - 200µL	0.2µL	200µL	0.8%	1.6µL	0.3%	0.6µL
		100µL	1%	1µL	0.65%	0.65µL
		20µL	3%	0.6µL	1.25%	0.25µL

UNIVERSAL PIPETTE TIPS

Manufactured from medical grade virgin polypropylene

- ✓ Endotoxin (Pyrogen) Free
- ✓ DNase Free
- ✓ Human DNA Free
- ✓ PCR Inhibitor Free
- ✓ RNase Free

Bulk Pack

- Packaged loose in welded polyethylene bags

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.002.500	Bulk 0.1 - 10µL	PK 1,000
550.002.510	Bulk 1 - 200µL	PK 1,000
550.002.516	Bulk 100 - 1,000µL	PK 500
550.002.527	Bulk 100 - 5,000µL	PK 100
550.002.528	Bulk 500 - 10,000µL	PK 100



Filtered Bulk Pack

- Specially developed PE filters stop aerosols & contamination from entering pipettor

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.002.600	Filtered 0.1 - 10µL	PK 1,000
550.002.605	Filtered 1 - 20µL	PK 1,000
550.002.610	Filtered 1 - 200µL	PK 1,000
550.002.615	Filtered 100 - 1,000µL	PK 1,000



Reloading Tips

- Reload rack with minimal effort
- Tips pre-arranged in 8x12 format
- Eco-friendly with minimal plastic consumption



PRODUCT CODE	DESCRIPTION	PACK SIZE
550.002.570	Reloading 0.1 - 10µL	PK 96 x 10
550.002.575	Reloading 1 - 200µL	PK 96 x 10
550.002.580	Reloading 1 - 1,000µL	PK 96 x 5

Racked, Sterile & Non-sterile Tips

- Tips are supplied pre-inserted into 96 place (8x12) racks
- Hinged boxes open to 120° for easy pipettor access
- Racked, sterile pipette tips are supplied pre-sterilised by irradiation

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.002.535	Racked 1 - 200µL	PK 96 x 10
550.002.542	Racked 100 - 1000µL	PK 96 x 6
550.002.560	Racked Sterile 1 - 200µL	PK 96 x 10
550.002.567	Racked Sterile 100 - 1,000µL	PK 96 x 6



Low Retention, Filtered, Racked & Sterile Tips

- Specially developed PE filters stop aerosols & contamination from entering into pipettor
- Free from chemical & silicone additives = no leaching
- Minimum retention = maximum accuracy
- Manufactured from specially developed resins combined with high quality diamond finish mould, creating super hydrophobic internal surface & ensuring maximum recovery of sample yield

PRODUCT CODE	DESCRIPTION	PACK SIZE
550.002.670	Low Retention Filtered Racked 10µL	PK 96 x 10
550.002.675	Low Retention Filtered Racked 200µL	PK 96 x 10
550.002.680	Low Retention Filtered Racked 1000µL	PK 96 x 6



Reagent Reservoirs

Available in 25mL and 50mL capacity, our plastic reagent reservoirs come sterile, graduated and wrapped in inner bags of 5 for your convenience.



REAGENT BOTTLES

Reagent bottles in various sizes all the way up to 20,000mL!

- ✓ 3.3 Borosilicate Glass
- ✓ GL45, GL80, GL32 Threads
- ✓ Cap and Pouring Included
- ✓ Amber or Clear Glass
- ✓ Round, Square, Wide Neck, Plastic Coated & more!
- ✓ Autoclavable (caps must be disengaged before and during autoclaving)



Register for an online account and access pricing and availability anytime, anywhere!



SEROLOGICAL PIPETTES

Made from optically clear polystyrene, our Serological pipettes come sterile, individually wrapped or supplied in a bulk sterile pack. Available in sizes 1mL up to 50mL.

- Colour coded
- Certified Non-Pyrogenic
- Fiber Plug to prevent overfill



VOLUMETRIC PIPETTES

Glass, Class AS Volumetric pipettes available in sizes 1mL up to 50mL.

- Blue enamel graduations
- Bulb, one mark pipette
- Meets ISO 835
- Conformity certified with batch number printed on body



GRADUATED PIPETTES

Glass, Class AS Volumetric pipettes available in sizes 1mL up to 50mL.

- Blue enamel graduations
- Meets ISO 835
- Conformity certified with batch number printed on body





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