



## ***Liquid Handling***

○ Choice ○ Quality ○ Affordability



*Choice • Quality • Affordability*

Visit [www.labco-online.com](http://www.labco-online.com) to learn more



***Chemicals***



***Equipment***



***Glassware***



***Liquid Handling***



***Metalware***



***Plasticware***



***Sampling***



***Spill Control***



***Thermometry***



***Timers***

<b>Bottle Top Dispenser</b>	4 - 7
<b>Pipette Fillers</b>	8 - 12
<b>Pipette Filler - Pi-Pumps</b>	8
<b>Pipette Filler - Manual</b>	9
<b>Pipette Filler - Electronic</b>	10 - 11
<b>Serological Pipettes</b>	12
<b>Pipettors</b>	13 - 18
<b>Pipettor - Operation</b>	14
<b>Pipettor - Single Channel</b>	15
<b>Pipettor - 8 Channel</b>	16
<b>Pipettor - 12 Channel</b>	17
<b>Pipettor Racks</b>	18
<b>Reagent Reservoirs</b>	18
<b>Pipette Tips</b>	19 - 22
<b>Pipette Tips - Standard</b>	20
<b>Pipette Tips - Filter</b>	21
<b>Pipette Tips - Compatibility Guide</b>	22
<b>Repetitive Pipettor</b>	23 - 25



# Liquid Handling

## Bottle Top Dispenser

### Features & Benefits

#### Easy Maintenance

- The internal glass barrel can be easily removed, allowing quick and thorough cleaning. In the event of a breakage, this allows the barrel to be replaced, saving on long term costs.

#### Confident Dispensing

- High quality construction materials (borosilicate glass, ETFE, FEP, PVA, PP) offer a comprehensive chemical resistance profile.

#### Adapters

- Supplied with a range of adapters to suit most common laboratory bottles.

#### Autoclavable

- Fully autoclavable, ensuring sterility.

#### Range

- Four different volume ranges from 0.5mL up to 50mL.



- Volume Setting: 1.8ml



Volume adjustment is quick and easy, allowing precise dispensing.



- Minimal force is required to operate the piston, allowing effortless serial dispensing.



- Fill



- Dispense

The dispenser will screw directly onto a standard GL45 thread.

Closure cap can be easily removed and attached.



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



- Dismantling tool supplied with delivery.



# Liquid Handling

## Bottle Top Dispenser

Please note: information provided in the below 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.

	Resistant
	Partially Resistant
	Non-Resistant

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



### Technical Information:

Product Code	Volume Range	Graduation	Accuracy		Coefficient of Variation	
			%	µl	%	µl
550.001.305	0.5 – 5mL	0.1mL	0.5	25	0.1	5
550.001.310	1.0 – 10mL	0.2mL	0.5	50	0.1	10
550.001.325	2.5 – 25mL	0.5mL	0.5	125	0.1	25
550.001.350	5.0 – 50mL	1.0mL	0.5	250	0.1	50



Dispenser suitable for dispensing liquids with the following limits:

Temperature:	15 to 40 degrees Celsius
Vapour Pressure:	Max. 500mBar
Density:	Max. 2.2g/cm <sup>3</sup>

### 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	Description	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

### Accessories:

Product Code	Description	Pack Size
550.001.615	Tube Intake (PTFE) 15cm	Each
550.001.620	Tube Intake (PTFE) 20cm	Each
550.001.625	Tube Intake (PTFE) 25cm	Each
550.001.630	Tube Intake (PTFE) 30cm	Each



# Liquid Handling

## Pipette Filler - Pi-Pumps

### Features & Benefits

- One hand operation.
- Colour coded by volume.
- Thumbwheel for precision 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



### Features & Benefits

- 4 colours available.
- Ergonomic; robust; lightweight design.
- Suitable for use with the full range of pipettes (0.1mL to 100mL).
- Utilises a replaceable, internal filter for protection against over-aspiration.



### Ordering Information:

Supplied with: Pipette filter, 3µm filter, user manual.

Product Code	Colour	Pack Size
550.001.200	Blue	Each
550.001.205	Red	Each
550.001.210	Green	Each
550.001.215	Pink	Each

### Spare Parts:

Product Code	Description	Pack Size
550.001.252	Replacement 3µm Filter (non sterile)	Each



# Liquid Handling

## Pipette Filler - Electronic

### Features & Benefits

#### Confidence in Control

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

#### Ergonomic, Lightweight, Robust

- Allows one handed operation.

#### Wide Range

- Suitable for use from 0.1 – 100mL volumetric and/or graduated pipettes (glass or plastic).

#### Powerful

- Fills a 100mL pipette in moments.

#### Protection

- Replaceable internal filter protects against over aspiration.

#### Nosecone

- High quality silicone nose cone is fully autoclavable.

#### Display

- Large LCD displays battery life and speed setting.

#### Convenient

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





Unscrew nosecone for filter replacement and decontamination.

Separate buttons for aspiration and dispensing offers precise control.



Slide open for battery replacement.

Large, easily read LCD display.

Aspiration/dispensing speed setting.



Remaining battery charge.

Press buttons to adjust the aspiration/dispensing speed.



### 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 0.45um
Range	
Pipette Suitability	0.1– 100mL

### Ordering Information:

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

Product Code	Description	Pack Size
550.001.005	Electronic Pipette Filler	Each

### Spare Parts:

Product Code	Description	Pack Size
550.001.022	Replacement 0.45µm Filter (non sterile)	Each



# Liquid Handling

Serological Pipettes - Also Available



## Technical Specifications:

Volume	Graduations	Negative Graduations	Colour Coded	Single Wrap	25 Wrap
1mL	0.01mL	-0.4mL	Yellow	650.050.001	650.050.002
2mL	0.01mL	-0.4mL	Green	650.050.005	650.050.010
5mL	0.1mL	-2.5mL	Blue	650.050.025	650.050.050
10mL	0.1mL	-3.0mL	Red	650.050.101	650.050.102
25mL	0.2mL	-8.0mL	Purple	650.050.105	650.050.110
50mL	1.0mL	-10.0mL	Black	650.050.125	650.050.150



## Ordering Information:

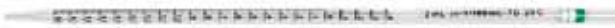
Product Code	Type	Volume	Sterile	Pack Size
650.050.001	Single Wrap	1mL	Yes	PK1000
650.050.005	Single Wrap	2mL	Yes	PK800
650.050.025	Single Wrap	5mL	Yes	PK300
650.050.101	Single Wrap	10mL	Yes	PK200
650.050.105	Single Wrap	25mL	Yes	PK200
650.050.125	Single Wrap	50mL	Yes	PK100
650.050.002	25 Wrap	1mL	Yes	PK1000
650.050.010	25 Wrap	2mL	Yes	PK700
650.050.050	25 Wrap	5mL	Yes	PK500
650.050.102	25 Wrap	10mL	Yes	PK350
650.050.110	25 Wrap	25mL	Yes	PK350
650.050.150	25 Wrap	50mL	Yes	PK250

Visit [www.labco-online.com](http://www.labco-online.com) to learn more

1ml



2ml



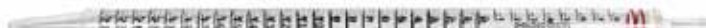
5ml



10ml



25ml



50ml





### 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

- Huge range from 0.5µL to 10mL.

#### Calibration & Maintenance

- Is easy with the supplied calibration tool.

#### Autoclavable\*

- Fully Autoclavable!

#### Rotating Head<sup>#</sup>

- For maximum comfort and convenience in dispensing.

#### Cone<sup>#</sup>

- Individual cone/piston assemblies making repair and maintenance easy.

\* 121°C for 20 minutes.

\* After autoclaving the pipette should be left to cool down and dry for 12 hours.

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

<sup>#</sup> 8 Channel and 12 Channel models only.





# Liquid Handling

## Pipettor - Operation



### Single Channel Pipettor - Technical Specifications:

Volume Range	Graduation	Volume Tested	Maximum Permissible Systematic Error (Inaccuracy)		Maximum Permissible Random Error (Imprecision)	
			%	µl	%	µl
0.5 to 10µl	0.1µl	10µl	1.00%	0.1	0.80%	0.8
		5µl	1.50%	0.075	1.50%	0.075
		1µl	2.50%	0.025	1.50%	0.015
2 to 20µl	0.5µl	20µl	0.90%	0.18	0.40%	0.08
		10µl	1.20%	0.12	1.00%	0.1
		2µl	3.00%	0.06	2.00%	0.04
10 to 100µl	1µl	100µl	0.80%	0.8	0.15%	0.15
		50µl	1.00%	0.5	0.40%	0.2
		10µl	3.00%	0.3	1.50%	0.15
20 to 200µl	1µl	200µl	0.60%	1.2	0.15%	0.3
		100µl	0.80%	0.8	0.30%	0.3
		20µl	3.00%	0.6	1.00%	0.2
100 to 1000µl	5µl	1000µl	0.60%	6	0.20%	2
		500µl	0.70%	3.5	0.25%	1.25
		100µl	2.00%	2	0.70%	0.7
1000 to 5000µl	50µl	5000µl	0.50%	25	0.15%	7.5
		2500µl	0.60%	15	0.30%	7.5
		1000µl	0.70%	7	0.30%	3
2000 to 10000µl	100µl	10000µl	0.60%	60	0.20%	20
		5000µl	1.20%	60	0.30%	15
		2000µl	3.00%	60	0.60%	12

### Ordering Information:

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

Product Code	Description	Pack Size
550.002.005	0.5 to 10µL	Each
550.002.007	2.0 to 20µL	Each
550.002.009	10 to 100µL	Each
550.002.011	20 to 200µL	Each
550.002.013	100 to 1000µL	Each
550.002.015	1 to 5mL	Each
550.002.017	2 to 10mL	Each



# Liquid Handling

## Pipettor - 8 Channel

### 8 Channel Pipettor - Technical Specifications:

Volume Range	Graduation	Volume Tested	Maximum Permissible Systematic Error (Inaccuracy)		Maximum Permissible Random Error (Imprecision)	
			%	$\mu$ l	%	$\mu$ l
0.5 to 10 $\mu$ l	0.1 $\mu$ l	10 $\mu$ l	1.50%	0.15	1.50%	0.15
		5 $\mu$ l	2.50%	0.125	2.50%	0.125
		1 $\mu$ l	4.00%	0.04	4.00%	0.04
5 to 50 $\mu$ l	0.5 $\mu$ l	50 $\mu$ l	1.00%	0.5	0.50%	0.25
		25 $\mu$ l	1.50%	0.375	1.00%	0.25
		5 $\mu$ l	3.00%	0.15	2.00%	0.1
50 to 300 $\mu$ l	5 $\mu$ l	300 $\mu$ l	0.70%	2.1	0.25%	0.75
		150 $\mu$ l	1.00%	1.5	0.50%	0.75
		50 $\mu$ l	1.50%	0.75	0.80%	0.4

### Ordering Information:

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

Product Code	Description	Pack Size
550.002.020	0.5 to 10 $\mu$ L	Each
550.002.022	5 to 50 $\mu$ L	Each
550.002.024	50 to 300 $\mu$ L	Each



### 12 Channel Pipettor - Technical Specifications:

Volume Range	Graduation	Volume Tested	Maximum Permissible Systematic Error (Inaccuracy)		Maximum Permissible Random Error (Imprecision)	
			%	µl	%	µl
0.5 to 10µl	0.1µl	10µl	1.50%	0.15	1.50%	0.15
		5µl	2.50%	0.125	2.50%	0.125
		1µl	4.00%	0.04	4.00%	0.04
5 to 50µl	0.5µl	50µl	1.00%	0.5	0.50%	0.25
		25µl	1.50%	0.375	1.00%	0.25
		5µl	3.00%	0.15	2.00%	0.1
50 to 300µl	5µl	300µl	0.70%	2.1	0.25%	0.75
		150µl	1.00%	1.5	0.50%	0.75
		50µl	1.50%	0.75	0.80%	0.4

### Ordering Information:

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

Product Code	Description	Pack Size
550.002.030	0.5 to 10µL	Each
550.002.032	5 to 50µL	Each
550.002.034	50 to 300µL	Each



# Liquid Handling

## Pipettor Accessories

### Rack Bench Type

- To hold up to 6 pipettors
- Can accommodate other brands



550.002.405  
Bench Type Pipettor Rack



### Rack Carousel Type

- To hold up to 6 pipettors
- Stand can be rotated
- For LabCo pipettors only



550.002.410  
Carousel Type Pipettor Rack



#### Pipettor Rack Ordering Information:

Product Code	Description	Pack Size
550.002.405	Bench Type (compatible with most pipettor brands)	Each
550.002.410	Carousel Type (compatible with LabCo pipettors only)	Each

### Reagent Reservoirs

- Plastic reagent reservoir
- Graduated
- Sterile
- Wrapped in inner bags of 5

#### Reagent Reservoirs Ordering Information:

Product Code	Description	Pack Size
650.500.127	25mL Capacity	PK200
650.500.152	50mL Capacity	PK200





### Precision

- Featuring exceptionally thin walls and thin tip surface areas.
- Uniformity in the delivery orifice offers consistency.

### Quality

- Manufactured in Germany from premium grade virgin polypropylene according to ISO9000 and DIN standards.
- Colour dyes are guaranteed to be metal free, eliminating the risk of trace element sample contamination.
- Free from human DNA and certified free from DNase, RNase and PCR inhibitors.
- Fully autoclavable.

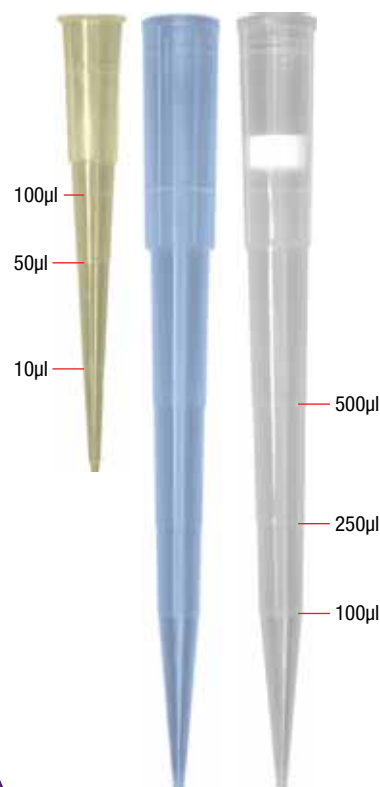
### Compatibility

- Utilising special wide sealing collar, LabCo pipette tips are suitable for use with a wide range of pipettor manufacturers.

### Filter Tips

- Featuring an internal 4-6µm filter to protect against ingress by liquids or aerosols.
- Manufactured from virgin polypropylene.

Visually check the volume with handy calibration lines on the 200µl and 1000µl capacity tips.



### Your Choice of Packaging

#### Bulk Bag

Packaged loose in welded polyethylene bags. Suitable for non-sterile use, sterile use (with sterilisation) or refilling racks. The most economical way to purchase LabCo pipette tips and filter pipette tips.



550.002.515  
Bagged

550.002.510  
Bagged

Bulk Bag Pipette Tips

#### Racked

The tips are supplied pre-inserted into 96 place racks. The racks follow standard multichannel format; and 8x12 matrix with 9mm spacing. The racks are further inserted into hinged boxes that open to 120 degrees for easy pipettor access. 10 racks are supplied per case. LabCo pipette racks and boxes are autoclavable and available separately.



550.002.540  
Racked

550.002.535  
Racked

Racked Standard Pipette Tips

#### Racked Sterile

Standard features per racked tips. Additionally, the racked sterile pipette tips are supplied pre-sterilised by irradiation.



550.002.665  
Racked  
Sterile



Racked Sterile Filtered Pipette Tips

# Liquid Handling

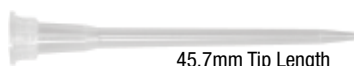
## Pipette Tips - Standard

### Standard Pipette Tips

Tips pictured at actual size



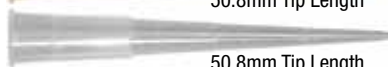
34.1mm Tip Length



45.7mm Tip Length



50.8mm Tip Length



50.8mm Tip Length



86.0mm Tip Length



86.0mm Tip Length

Standard Pipette Tips		Bulk Bag		Racked		Racked Sterile	
Volume Range	Colour	Pack	Product Code	Pack	Product Code	Pack	Product Code
0.1µl to 10µl	Clear	1,000	550.002.500	960	550.002.525	960	550.002.550
0.5µl to 20µl	Clear	1,000	550.002.505	960	550.002.530	960	550.002.555
1µl to 200µl	Yellow	1,000	550.002.510	960	550.002.535		
	Clear					960	550.002.560
100µl to 1000µl	Blue	1,000	550.002.515	960	550.002.540		
	Clear					960	550.002.565



Macro Pipette Tips		Bulk Bag	
Volume Range	Colour	Pack	Product Code
0.1 to 5mL	Blue	250	550.002.520
0.1 to 5mL	Clear	250	550.002.521
0.1 to 5.5mL	Clear	250	550.002.522
0.5 to 10mL	Clear	100	550.002.523

Tips pictured at actual size



126.0mm Tip Length



126.0mm Tip Length



147.5mm Tip Length



150.0mm Tip Length

### Filter Pipette Tips

Filter Pipette Tips		Bulk Bag		Racked Sterile	
Volume Range	Colour	Pack	Product Code	Pack	Product Code
0.1µl to 10µl	Clear	1,000	550.002.600	960	550.002.650
1µl to 20µl	Clear	1,000	550.002.605	960	550.002.655
1µl to 200µl	Clear	1,000	550.002.610	960	550.002.660
100µl to 1000µl	Clear	1,000	550.002.615	960	550.002.665

Tips pictured at actual size



### Empty Tip Boxes

- 8 x 12 configuration – suitable for use with standard multi-channel pipettors
- Fully autoclavable (121°C, 0.1mPa, 20 minutes)
- Reusable

Suits Tip Volume	Pack	Product Code
0.1 µl to 20µl	Each	550.002.705
200µl	Each	550.002.710
1000µl	Each	550.002.715



## Adjustable Pipettors

- Single, 8- and 12- channel models available.
- Precise; each pipettor is supplied with a performance certificate, per ISO 8655.
- Ergonomic; reduce the strain for your daily pipetting with the ergonomically designed LabCo pipettors.



Download the full datasheet online.


[www.labco-online.com](http://www.labco-online.com)

### Compatibility Guide

Please note: This guide is intended for aid in pipette tip selection only and does not form a guarantee. If you are unsure if the LabCo pipette tips will suit your pipettor, please request your free of charge sample pack.



Please note: This guide is intended for aid in pipette tip selection only and does not form a guarantee. If you are unsure if the LabCo pipette tips will suit your pipettor, please request your free of charge sample pack.



Standard Pipette Tips			Manufacturer Brand														
Volume Range	Product Code	Packaging	LabCo	Axygen	Biohit	Brand	Eppendorf	Fine Care	Gilson	LabSystems Thermo Finn	pipette	Microlit	Nichiryo	Oxford	Rainin	Socorex	Treff
0.1µL to 10µL	550.002.500	Bulk Bag															
	550.002.525	Racked		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.550	Racked Sterile															
0.5µL to 20µL	550.002.505	Bulk Bag															
	550.002.530	Racked		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.555	Racked Sterile															
1µL to 200µL	550.002.510	Bulk Bag															
	550.002.535	Racked	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.560	Racked Sterile															
100µL to 1,000µL	550.002.515	Bulk Bag															
	550.002.540	Racked	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.565	Racked Sterile															
100µL to 5mL	550.002.520	Bulk Bag	✓	✓	✓		✓						✓				
100µL to 5mL	550.002.521	Bulk Bag							✓			✓				✓	
100µL to 5.5mL	550.002.522	Bulk Bag				✓				✓							✓
0.5mL to 10mL	550.002.523	Bulk Bag				✓				✓							✓

Filter Pipette Tips																
Volume Range	Product Code	Packaging														
0.1µL to 10µL	550.002.600	Bulk Bag			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.650	Racked Sterile														
0.5µL to 20µL	550.002.605	Bulk Bag		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.655	Racked Sterile														
1µL to 200µL	550.002.610	Bulk Bag		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.660	Racked Sterile														
100µL to 1000µL	550.002.615	Bulk Bag		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	550.002.665	Racked Sterile														

### Features & Benefits

#### Wide Range

- 5 selectable volumes settings and 7 different size syringe tips.

#### Volume Range

- 10 $\mu$ L to 5000 $\mu$ L (5mL).

#### Ergonomic, Lightweight, Robust

- Allows for one handed operation.

#### Setting Guide

- Volume setting guide is printed on the body of the unit, making setting and selection easy.

#### Aspirations

- Up to 48 dispenses makes repetitive applications simply and efficient.

#### Calibrated

- Factory calibration ensure accuracy.





# Liquid Handling

## Repetitive Pipettor - Operation



### Technical Specifications:

Volume Setting	1	2	3	4	5
Number of Dispenses	48	23	15	11	8
Syringe Tip	Dispensed Volume				
0.50mL	10µl	20µl	30µl	40µl	50µl
1.25mL	25µl	50µl	75µl	100µl	125µl
2.50mL	50µl	100µl	150µl	200µl	250µl
5.00mL	100µl	200µl	300µl	400µl	500µl
12.50mL	250µl	500µl	750µl	1000µl	1250µl
25.00mL	500µl	1000µl	1500µl	2000µl	2500µl
50.00mL	1000µl	2000µl	3000µl	4000µl	5000µl

Syringe Tip	Accuracy	Coefficient of Variation
0.50mL	± 0.8%	≤ 0.7%
1.25mL	± 0.8%	≤ 0.5%
2.50mL	± 0.8%	≤ 0.4%
5.00mL	± 0.4%	≤ 0.3%
12.50mL	± 0.3%	≤ 0.3%
25.00mL	± 0.2%	≤ 0.3%
50.00mL	± 0.2%	≤ 0.2%

Liquid: Distilled water  
Reference Temperature: 20 to 25 degrees Celsius  
Standard: ISO 8655



### Ordering Information:

Supplied with: pipettor, 5mL syringe tip, user manual.

Product Code	Description	Pack Size
550.001.100	Repetitive Pipettor	Each

### Syringe Tips:

Product Code	Description	Pack Size
550.001.152	0.5mL Capacity	PK100
550.001.154	1.25mL Capacity	PK100
550.001.156	2.5mL Capacity	PK100
550.001.158	5mL Capacity	PK100
550.001.160	12.5mL Capacity	PK100
550.001.162	25mL Capacity (includes adapter)	PK50
550.001.164	50mL Capacity (includes adapter)	PK25

### Syringe Tips, Individually Wrapped, Sterile:

Product Code	Description	Pack Size
550.001.172	0.5mL Capacity	PK100
550.001.174	1.25mL Capacity	PK100
550.001.176	2.5mL Capacity	PK100
550.001.178	5mL Capacity	PK100
550.001.180	12.5mL Capacity	PK100
550.001.182	25mL Capacity (includes adapter)	PK25
550.001.184	50mL Capacity (includes adapter)	PK25

### Spare Parts:

Product Code	Description	Pack Size
550.001.125	Adapter, to Suit 25mL/50mL Tip	PK10
550.001.126	Adapter, to Suite 25mL/50mL Tip (Sterile)	Each



25.00mL/50.00mL syringe tips supplied with adapter.



## ***Plasticware***



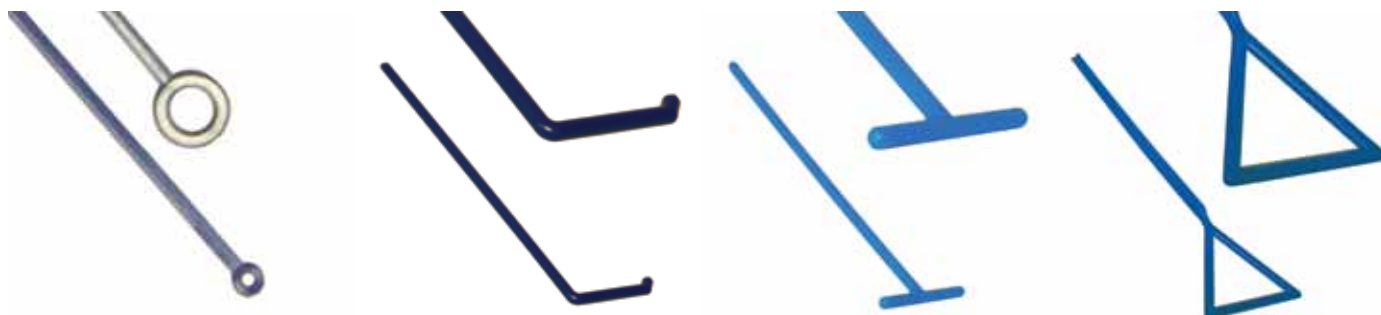
***Autoclavable Bags***  
see page 4



***Stomacher Bags***  
see page 4



***Transfer Pipettes***  
see page 156



***Spreaders***  
see page 134 & 218

● ***Choice*** ● ***Quality*** ● ***Affordability***

E. [info@labco-online.com](mailto:info@labco-online.com) • W. [www.labco-online.com](http://www.labco-online.com)





# Plasticware



**Snap Together  
Tube Storage**  
see page 169



**81 & 100 Place  
Tube Storage**  
see page 170



**PCR Tube  
Storage**  
see page 170



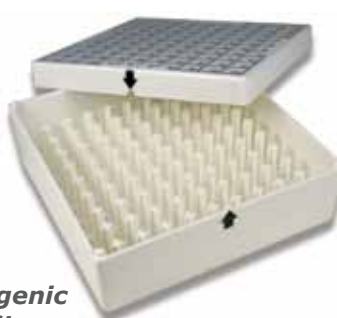
**Reversible 96 Place  
Tube Storage**  
see page 170



**4 Way  
Tube Storage**  
see page 169



**Single Sided  
Tube Storage**  
see page 170



**Cryogenic  
Tube Storage**  
see page 169

● **Choice** ● **Quality** ● **Affordability**

E. [info@labco-online.com](mailto:info@labco-online.com) • W. [www.labco-online.com](http://www.labco-online.com)

***Your Local Distributer:***

Printed technical specifications are subject to change without notification Labco® is a registered trademark.  
See the full product range online.



[www.labco-online.com](http://www.labco-online.com)

• *Choice* • *Quality* • *Affordability*