

# M

## LIQUID HANDLING

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## ▶ MBB - Manual controllers

### ▶ Pipette controllers



### DIGIPETTE

- 1| Ergonomic, lightweight and easy to handle with one hand. Lever button for liquid aspiration and ejection.
- 3| Replaceable Teflon hydrophobic filter for protection of the internal mechanism.

Code	For pipettes	Colour
MBB002	0,1 mL to 100 mL	Blue
MBB004	0,1 mL to 100 mL	Green
MBB007	0,1 mL to 100 mL	Yellow

### Accesorios Profiller 437 manual



Teflon filter 0.45 µm  
Code MBG017

### ▶ Pipeteur Profiller 437 manual



- 1| Robust and easy to use pipette controller with ergonomic shape and lightweight. It provides smooth control in both aspirating and dispensing, using glass or plastic pipettes of volume up to 100 mL.
- 2| Large capacity bulb. Soft action lever button. Efficient blow out system. PTFE protection membrane filter.

Code	Description
MBB006	Profiller Manual 437

### Accesorios Profiller 437 manual



Teflon filter 0.45 µm  
Code MBG017

### ▶ Pipette controller Maneus



- 1| The VITLAB maneus® is easy to dismantle and clean, and can be autoclaved at 121°C (2 bar) to DIN EN 285.
- 2| The suction element then ensures that the pipette is filled quickly (performance: 50 mL in less than 10 seconds).
- 3| The bellows ensure that the pipettes are blown-out. The specially shaped adapter cone ensures that all standard volumetric and graduated pipettes (0.1 to 200 mL) are securely held in place.

Code	For pipettes
MBB501	From 0,1 to 200 mL



▶ MBD - Electronic controllers

▶ Electronic pipette controller

**DIGIPETTE**

- 1 | Intuitive and selectable speed with up to 6 levels. Compatible with glass or plastic serological pipettes (0.1 - 100 mL)
- 2 | Ergonomic design for simplified, efficient and fatigue-free pipetting. LCD display.
- 3 | The motor and pump are quiet and powerful, capable of filling a 25 mL pipette in less than 5 seconds. Long life lithium ion battery.



<b>Code</b>	MBD002
<b>Aspiration speed</b>	25mL < 5s (6 levels)
<b>Dispensing Speed</b>	Motor/Gravity
<b>Battery charge</b>	2-3 hours
<b>Filter</b>	0.45 µm hydrophobic

Electronic Pipette Accessories Digipette



Tapered nozzle  
Code MBG014



Silicone adapter  
Code MBG015



Teflon filter 0.45 µm  
Code MBG019

▶ MBG - Controllers, accessories

▶ Pipette controller Profiller electro 447

**SOCOREX**  
SWISS

- 1 | Powerful pump - fills 25mL in 3 seconds. Ergonomic buttons.
- 2 | Rechargeable NiMH battery during use.
- 3 | Chemical and shock resistance. Bench stand, wall hanger



Code	Description
MBD004	Pipette controller Profiller electro 447

Accesorios Profiller 447 manual



Teflon filter 0.45 µm  
Code MBG012  
Code MBG013

▶ MBJ - Pipette pumps

▶ Manual pipette controller

**DIGIPETTE**

- 1 | Easy one-handed operation. Grooved wheel for suction and dispensing of liquid.
- 2 | Side lever for quick emptying.
- 3 | Colour coding according to volume.



Code	Volume	Colour	Lot
MBJ007	2 mL	Blue	10
MBJ008	10 mL	Green	10
MBJ009	25 mL	Red	10



## ▶ MBJ - Pipette pumps

### ▶ Pipette filler manual Profillette 406



- 1 | Easy one-handed operation. Fluted wheel for suction and dispensing.
- 2 | Side lever for quick emptying.
- 3 | Colour coding according to volume.

Code	Volume	Colour	Box
MBJ003	2 mL	Blue	1 / box
MBJ004	10 mL	Green	1 / box
MBJ005	25 mL	Red	1 / box
MBJ006*	2/10/25 mL	Mixed	3 / box

\* Package

## ▶ MBL - Rubber fillers / teats

### ▶ Pipetting ball, 3 valves



- 1 | With three valves, for filling, flushing and emptying. For pipettes, calibrated and graduated.

Code	Colour	For pipettes	Lot
MBL019	Red	Up to 10 mL	10
MBL020	Green	Up to 100 mL	10

### ▶ Pipetting ball, 3 valves



## Kartell

- 1 | With three glass ball valves, adaptable to any pipette
- 2 | A special rubber seal allows you to work with pipettes with a capacity greater than 20 mL.
- 3 | When removing the seal, pipettes with a capacity of less than 20 mL can be used.

Code	Volume
MBL007	20 mL

### ▶ Universal safety pipette bulb



## Kartell

- 1 | Red rubber and silicone pipette aspirator.

Code	MBL022

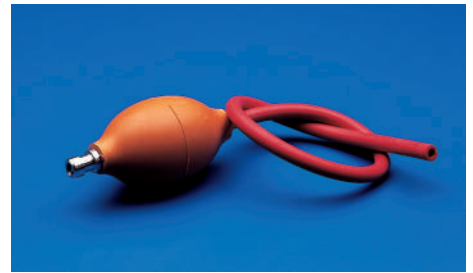


**▶ MBL - Rubber fillers / teats**

**▶ Pear with valve and tube**

**Kartell**

1 | Normally used for suction with Pellet Burettes and Nebulizers. Red rubber.



Code	Number of valves	Diameter (mm)
MBL008	1	46
MBL009	2	46

**▶ Rubber Richardson pear**

**IENDO**  
plasticware

1 | For automatic table burettes and atomizers. With a decompression tank covered with a safety mesh



Code	Diameter	Length	Tube: internal diameter
MBL021	46 mm	108 mm	6 mm

**▶ Double ball with net**

**Kartell**

1 | Used for loading automatic burettes and columns for flash chromatography. Red rubber.



Code	Diameter (mm)
MBL010	46
MBL011	53

**▶ Latex dummy teat**

**Kartell**

1 | Used with Ranvier dropper and Pasteur pipettes.



Code	Length (mm)	Lot
MBL012	40	100



## ▶ MBL - Rubber fillers and teats

### ▶ Dummy teat



1 | Made of latex. For glass Pasteur pipettes

Code	Lot
MBL013	100

### ▶ Rubber teat



1 | For graduated pipettes and Pasteur pipettes.

Code	Material	For pipettes	Lot
MBL015	Hard rubber	Pasteur glass	200
MBL016	Rubber	Up to 5 mL	100
MBL017	Rubber	Up to 10 mL	10
MBL018	Rubber	Up to 15 mL	10

## ▶ MDD - Adjustable Volume and Digital Burettes

### ▶ Dosyproof



### DIGIPETTE

- 1 | Gentle, comfortable and effective dispensing Wide chemical compatibility.
- 2 | Autoclavable fully assembled. Easy maintenance and cleaning.
- 3 | For bottles with GL45 thread. Includes adapters for other threads: 28/38/40 and 45 mm.

Code	Volume range	Graduation	Accuracy
MDD001	0.5-5.0 mL	0.1 mL	±25 µL
MDD002	1.0-10.0 mL	0.2 mL	±50 µL
MDD003	2.5-25.0 mL	0.5 mL	±125 µL
MDD004	5.0-50.0 mL	1.0 mL	±250 µL



**MDD - Adjustable Volume and Digital Burettes**

**Dosyproof with Valve**

**DIGIPETTE**

- 1 | Ergonomic design, with smooth piston movement for effortless dispensing
- 2 | The discharge tube rotates 360° allowing dispensing into several containers.
- 3 | Double graduated scale for precise volume adjustment and clear visibility.
- 4 | The recirculation valve eliminates liquid losses during priming. Autoclavable
- 5 | Includes 28/38//40/45 mm thread adapters



Code	Volume range	Graduation	Accuracy
MDD062	0.5-5.0 mL	0.1 mL	±25 µL
MDD063	1.0-10.0 mL	0.2 mL	±50 µL
MDD064	2.5-25.0 mL	0.5 mL	±125 µL
MDD065	5.0-50.0 mL	1.0 mL	±250 µL

**Accessories Dosyproof**



**Thread adapter**

Code	Thread	Ø
MDJ052	S40	45/40 mm
MDJ053	GL38	45/38 mm
MDJ054	GL32	45/32 mm
MDJ055	GL28	32/28 mm



**Dispensing tap and tube**

Code	Descrip.
MDJ058	Tap
MDJ057	Tube

**Acurex™ compact 501**



- 1 | Integrated dosing mechanism. Simple and robust construction.
- 2 | Retractable graduated column reduces the height of the instrument
- 3 | The fluid is not in contact with metals along its flow
- 4 | Four container sizes.
- 5 | Fully autoclavable at 121 °C / 250 °F.



Code	Volume	Divisions	Accuracy (%CV)			Capacity*
			Vol. min	Vol. medium	Vol. max	
MDD005	1 – 10 mL	0.2 mL	<0.5%	<0.35%	<0.1%	1000 mL
MDD006	1 – 10 mL	0.2 mL	<0.5%	<0.35%	<0.1%	2000 mL
MDD007	0.2 – 2 mL	0.1 mL	<0.5%	<0.35%	<0.1%	1000 mL
MDD008	0.2 – 2 mL	0.1 mL	<0.5%	<0.35%	<0.1%	2000 mL
MDD009	0.2 – 2 mL	0.1 mL	<0.5%	<0.35%	<0.1%	250 mL
MDD011	0.4 – 5 mL	0.2 mL	<0.5%1)	<0.35%	<0.1%	1000 mL
MDD012	0.4 – 5 mL	0.2 mL	<0.5%1)	<0.35%	<0.1%	2000 mL
MDD013	0.4 – 5 mL	0.2 mL	<0.5%1)	<0.35%	<0.1%	500 mL
MDD010	1 – 30 mL	1.0 mL	<0.5%2)	<0.35%	<0.1%	2000 mL

\* of the container

**Acurex™ compact 501 accessories**



**Tube extension Jet-Pen - Autoclavable**

Code	Material	Length	For bottles
MDJ022	PTFE	60 cm	1 L and 2 L



## MDD - Adjustable Volume and Digital Burettes

### Calibrex™ Organo 525 and Solutae 530 dispenser



- 1| Permanent visibility of the fluid path. Integrated calibration system.
- 2| Volume adjustment by means of a slide control (alternatively, screw button).
- 3| Flow control system with stopcock (optional).
- 4| QR code to access the chemical resistance chart. Always check that the dispenser is suitable for working with the specific reagent before purchasing.
- 5| Autoclavable at 121°C, fully assembled.
- 6| Three bottleneck adapters included.

#### Chemical resistance CALIBREX Organo and CALIBREX Solutae

**organo**

Organic

Non-crystallizing

Inert Reagents

Saline solutions

Strong acids and bases\*

**solutae**

\* Except for hydrofluoric acid (HF) and certain reagents. Consult chemical resistance tables before purchase.

#### Organo 525

Code	Description	Volume	Division	Inaccuracy (E%)			Imprecision (E%)		
				Vol.min	Vol medium	Vol max	Vol. min	Vol medium	Vol max
MDD017	Standard	0.1-1 mL	0.02 mL	<± 3,0%	<±1,8%	<±0,6%	<1,2%	<0,7%	<0,17%
MDD018	Standard	0.25-2.5 mL	0.05 mL	<±2,7%	<±1,6%	<±0,6%	<0,9%	<0,55%	<0,17%
MDD019	Standard	0.5-5 mL	0.1 mL	<±2,0%	<±1,3%	<±0,6%	<0,5%	<0,35%	<0,1%
MDD020	Standard	1-10 mL	0.2 mL	<±1,5%	<±1,2%	<±0,6%	<0,5%	<0,85%	<0,1%
MDD024	Standard	2.5-25 mL	0.5 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD026	Standard	5-50 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD028	Standard	10-100 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD021	w/stopcock	0.1-1 mL	0.02 mL	<± 3,0%	<±1,8%	<±0,6%	<1,2%	<0,7%	<0,17%
MDD022	w/stopcock	0.25-2.5 mL	0.05 mL	<±2,7%	<±1,6%	<±0,6%	<0,9%	<0,55%	<0,17%
MDD023	w/stopcock	0.5-5 mL	0.1 mL	<±2,0%	<±1,3%	<±0,6%	<0,5%	<0,35%	<0,1%
MDD030	w/stopcock	1-10 mL	0.2 mL	<±1,5%	<±1,2%	<±0,6%	<0,5%	<0,85%	<0,1%
MDD025	w/stopcock	2.5-25 mL	0.5 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD027	w/stopcock	5-50 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD029	w/stopcock	10-100 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%

#### Solutae 530

Code	Description	Volume	Division	Inaccuracy (E%)			Imprecision (E%)		
				Vol.min	Vol medium	Vol max	Vol. min	Vol medium	Vol max
MDD031	Standard	0.1-1 mL	0.02 mL	<± 3,0%	<±1,8%	<±0,6%	<1,2%	<0,7%	<0,17%
MDD032	Standard	0.25-2.5 mL	0.05 mL	<±2,7%	<±1,6%	<±0,6%	<0,9%	<0,55%	<0,17%
MDD033	Standard	0.5-5 mL	0.1 mL	<±2,0%	<±1,3%	<±0,6%	<0,5%	<0,35%	<0,1%
MDD034	Standard	1-10 mL	0.2 mL	<±1,5%	<±1,2%	<±0,6%	<0,5%	<0,85%	<0,1%
MDD038	Standard	2.5-25 mL	0.5 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD040	Standard	5-50 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD042	Standard	10-100 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD035	w/stopcock	0.1-1 mL	0.02 mL	<± 3,0%	<±1,8%	<±0,6%	<1,2%	<0,7%	<0,17%
MDD036	w/stopcock	0.25-2.5 mL	0.05 mL	<±2,7%	<±1,6%	<±0,6%	<0,9%	<0,55%	<0,17%
MDD037	w/stopcock	0.5-5 mL	0.1 mL	<±2,0%	<±1,3%	<±0,6%	<0,5%	<0,35%	<0,1%
MDD044	w/stopcock	1-10 mL	0.2 mL	<±1,5%	<±1,2%	<±0,6%	<0,5%	<0,85%	<0,1%
MDD039	w/stopcock	2.5-25 mL	0.5 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD041	w/stopcock	5-50 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%
MDD043	w/stopcock	10-100 mL	1.0 mL	<±1,5%	<±1,1%	<±0,6%	<±0,5%	<±0,35%	<±0,1%

#### Accessories Calibrex™ Organo 525 and Solutae 530



##### Delivery jet

Code	Volume	Longht
MDJ027	25mL	120mm
MDJ028	25mL	150mm
MDJ029	50-100mL	120mm
MDJ030	50-100mL	150mm



##### Adapter PP threaded

Code	Ø
MDJ024	32 mm
MDJ025	32 mm
MDJ026	32 mm



##### Stopcock assembly

Code	For models
MDJ031	25, 50 and 100 mL



##### Jet Pen extension tubing 60 cm

Code	For models
MDJ077	50 y 100 mL



**MDD - Adjustable Volume and Digital Burettes**

Accessories Calibrex™ Organo 525 and Solutae 530



MDJ001 to MDJ013



MDJ015 to MDJ018

Code	Description
MDJ004	Amber glass bottle, 100 mL. Ø screw 32 mm
MDJ007	Amber glass bottle, 250 mL. Ø screw 32 mm
MDJ011	Amber glass bottle, 500 mL. Ø screw 32 mm
MDJ001	Amber glass bottle, 1000 mL. Ø screw 45 mm
MDJ005	Amber glass bottle, 2500 mL. Ø screw 45 mm
MDJ013	Amber glass bottle PE coating thread, 500 mL. Ø screw 32 mm
MDJ003	Amber glass bottle PE coating thread, 1000 mL. Ø screw 45 mm
MDJ009	Amber glass bottle PE coating thread, 2500 mL. Ø screw 45 mm
MDJ008	Transparent borosilicate bottle 250 mL. Ø screw 45 mm
MDJ012	Transparent borosilicate bottle, 500 mL. Ø screw 45 mm
MDJ002	Transparent borosilicate bottle, 1000 mL. Ø screw 45 mm
MDJ006	Transparent borosilicate bottle, 2000 mL. Ø screw 45 mm
MDJ010	Amber glass bottle with handle thread, 2500 mL. Ø screw 45 mm
MDJ015	Screw cap PE bottle, 250 mL. Ø screw 25 mm
MDJ016	Screw cap PE bottle, 500 mL. Ø screw 25 mm
MDJ017	Screw cap PE bottle, 1000 mL. Ø screw 32 mm
MDJ018	Screw cap PE bottle, 500 mL. Ø screw 45 mm

**Dispenser Calibrex™ 520**



- 1 | Increased chemical resistance. Stable performance over time.
- 2 | Simple construction - no tools required for disassembly.
- 3 | Immediate volume adjustment.
- 4 | Laboratory calibration.
- 5 | Autoclavable at 121 °C / 250 °C, fully assembled.
- 6 | Three bottlenecks adapters included.



**EXTENDED CHEMICAL LIST**  
QR code for instant access to chemical resistance table

Code	Volume	Division	Inaccuracy (%E)			Imprecision (%CV)		
			Vol. min	Vol. medium	Vol. max	Vol. min	Vol. medium	Vol. max
MDD014	0.25-2 mL	0.05 mL	<±3.0%	<±1.8%	<±0.6%	<0.5 %	<0.35 %	<0.1%
MDD015	1-5 mL	0.1 mL	<±2.0%	<±1.3%	<±0.6%	<0.5 %	<0.35 %	<0.1%
MDD016	1-10 mL	0.25 mL	<±1.5%	<±1.1%	<±0.6%	<0.5 %	<0.35 %	<0.1%

Accessories Calibrex™ 520



Adapter, PP threaded

Code	Ø
MDJ032	22 mm
MDJ033	25 mm
MDJ034	29 mm
MDJ035	30 mm
MDJ036	34 mm
MDJ037	36 mm
MDJ038	38 mm



Adapter

Code	Description	Ø
MDJ039	Adapter threaded	40 mm
MDJ040	Adapter threaded	45 mm
MDJ041	Teflon threaded	36 mm
MDJ042	Teflon threaded	38 mm
MDJ043	Teflon threaded	40 mm
MDJ044	Teflon threaded	45 mm



Tube extension Jet Pen, 60 cm

Code	Dispenser
MDJ023	Up to 10 mL



▶ MDD - Adjustable Volume and Digital Burettes

▶ Simplex<sup>2</sup>



AUTO  
+121°



1 | The VITLAB® simplex<sup>2</sup> is equipped with a direct displacement piston and a PFA fluoroplastic sealing lip that is pressed against the cylinder wall. The glass cylinder's plastic coating reduces the risk of glass shards forming in the event of breakage. The telescopic suction tube can be continuously adjusted to the height of the bottle. The VITLAB® simplex<sup>2</sup> is fully autoclavable at 121°C (2 bar) to DIN EN 285 and certified to DIN 12600.

2 | Easy, quick and precise volume adjustment thanks to a new internal groove and screw mechanism.

Code	Volume	Graduation	GL
MDD501	0.25 - 2.5 ml	0.05 mL	GL32
MDD502	0.5 - 5.0 ml	0.10 mL	GL32
MDD503	1.0 - 10.0 ml	0.20 mL	GL45
MDD504	2.5 - 25.0 ml	0.50 mL	GL45
MDD505	5.0 - 50.0 ml	1.00 mL	GL45
MDD506	10.0 - 100.0 ml	2.00 mL	GL45

▶ Genius<sup>2</sup>



AUTO  
+121°



1 | VITLAB® genius<sup>2</sup> is equipped with a patented feedback valve that prevents loss of reagent during purging. With easy to use calibration function.

2 | The VITLAB® genius<sup>2</sup> is equipped with a direct-displacement piston and a sealing lip made of PFA fluoroplastic which rests against the cylinder wall.

3 | VITLAB® genius<sup>2</sup> is fully autoclavable at 121 °C (2 bar) in accordance with DIN EN 285 and certified in accordance with DIN 12600.

Code	Volume	Subdivision	E*	CV*
MDD507	0.25 - 2.5 ml	0.05 mL	≤±0.6%	≤0.1%
MDD508	0.5 - 5.0 ml	0.10 mL	≤±0.5%	≤0.1%
MDD509	1.0 - 10.0 ml	0.20 mL	≤±0.5%	≤0.1%
MDD510	2.5 - 25.0 ml	0.50 mL	≤±0.5%	≤0.1%
MDD511	5.0 - 50.0 ml	1.00 mL	≤±0.5%	≤0.1%
MDD512	10.0 - 100.0 ml	2.00 mL	≤±0.5%	≤0.1%

▶ MDG - Digital burettes

▶ Digital burettes CONTINUOUS E/RS



1 | Large LCD display showing the titrated volume with 4 large, easy-to-read digits.

2 | Operation: When both knurled wheels are turned, the titrant is continuously and smoothly delivered by the patented double piston pump (EP 801 982).

3 | Height and length-adjustable discharge nozzle.

4 | The patented retroactive dosing system (EP 542 241) prevents the loss of valuable reagents and reduces the risk of splashing.

5 | Calibration function to meet all the requirements of checking fixtures and fittings.

Code	Volume	Model	E*	CV*
MDG501	2.5 mL	E	≤±%0.2 à 25 mL	≤±%0.1 à 25 mL
MDG502	5.0 mL	RS	≤±%0.2 à 50 mL	≤±%0.1 à 50 mL



## MDG - Digital burettes

### Digital burette

#### DIGIPETTE

- 1 | High quality engine that provides excellent precision and accuracy.
- 2 | Manufactured according to DIN EN ISO 8655.
- 3 | Built-in magnetic stirrer with 5 different programmed speeds.
- 4 | 16 programmed dispensing and aspiration speeds.
- 5 | 4000 mA/h battery with 5 hours working time.

Code	Volume range	Resolution	Temperature
MDG001	0.01-99.99 mL	10 $\mu$ L	15-40° C



### Digital dispenser dFlow

#### DIAB

- 1 | Manufactured according to DIN EN ISO 8655 standard. Internal components in FEP, with very low chemical reactivity.

Code	Volume max.	Volume range	Resolution
MDG003	10 mL	0.1-99.99 mL	100 $\mu$ L



## MGB - Adjustable volume pipettes

### Autoclavable micropipette

#### DIGIPETTE

- 1 | Unique ergonomic design for comfortable and prolonged use without fatigue.
- 2 | Completely autoclavable without disassembly.
- 3 | Click-stop volume adjustment system.
- 4 | Colour coded for easy identification.
- 5 | Individual calibration certificate according to EN ISO 8655-6.

Code	Volume ( $\mu$ L)	Division ( $\mu$ L)	Vol. test ( $\mu$ L)	Inaccuracy (%)	Imprecision (%)
MGB001	0.1-2.5	0.01	0.25 2.5	12 2.5	6 1.6
MGB002	0.5-10	0.1	1 10	2.5 1	1.5 0.8
MGB003	2-20	0.1	2 20	3 0.9	2 0.4
MGB004	5-50	0.5	5 50	2 0.6	2 0.3
MGB005	10-100	0.5	10 100	3 0.8	1.5 0.15
MGB006	20-200	1	20 200	2 0.6	0.8 0.15
MGB007	100-1000	5	100 1000	2 0.6	0.7 0.2
MGB008	500-5000	50	500 5000	2 0.5	0.6 0.2
MGB009*	500-10000	100	500 10000	3 0.6	0.6 0.2

\* without without tip ejector; manual ejection





▶ MGB - Adjustable volume pipettes

▶ Autoclavable Pipettes, Premium Series



AUTO  
+121°

**DIGIPETTE**

- 1 | Magnet-assisted piston for accurate and consistent results. Innovative spring and seal design for one of the devices with the lowest penetration force. Ergonomic design with the appropriate weight.
- 2 | Precise volume adjustment with built-in locking system.
- 3 | Universal compatibility of tips. Effortless tip ejection thanks to a unique damping mechanism.

Code	Volume $\mu\text{L}$	Increments $\mu\text{L}$	Tested Volume $\mu\text{L}$	Inaccuracy ( $\pm$ ) %	Imprecision ( $\pm$ ) %
MGB088	0.1-2.5	0.002	0.25	12	6
			2.5	2.5	0.7
MGB089	0.5-10	0.02	1	2.5	1.5
			10	1	0.4
MGB090	2-20	0.02	2	3	1.5
			20	0.6	0.3
MGB091	5-50	0.1	5	2	2
			50	0.6	0.3
MGB092	10-100	0.1	10	3	1
			100	0.85	0.2
MGB093	20-200	0.2	20	2.5	0.7
			200	0.6	0.2
MGB094	100-1000	1	100	3	0.6
			1000	0.6	0.2
MGB095	500-5000	10	500	2.4	0.6
			2500	1.2	0.25
			5000	0.6	0.2
MGB096	1000-10000	20	1000	3	0.6
			5000	0.8	0.2
			10000	0.6	0.15

▶ Micropipette Acura manual® 825



AUTO  
+121°

- 1 | Excellence in ergonomics. Light weight and softness in use. Digital display window for permanent volume visibility. Adjustable tip ejector fitting most tips. Swift-set user calibration system. Shock, UV-light and autoclaving resistance (121°C)

\* Patented by Socorex

Code	Volume $\mu\text{l}$	Division $\mu\text{l}$	Inaccuracy (%E)			Imprecision (%CV)			Tip type
			Vol. min	Vol. medium	Vol. max	Vol. min	Vol. medium	Vol. max	
MGB034	0.1-2	0.002	$< \pm 6.0\%^{1)}$	$< \pm 4.0\%$	$< 2.0\%$	$< 5.0\%^{1)}$	$< 3.3\%$	$< 1.5\%$	Ultra 10 $\mu\text{l}$
MGB035	0.5-10	0.01	$< \pm 2.5\%^{1)}$	$< \pm 1.8\%$	$< 1.0\%$	$< 1.8\%^{2)}$	$< 1.2\%$	$< 0.5\%$	Ultra 10 $\mu\text{l}$
MGB036	1-10	0.01	$< \pm 2.5\%$	$< \pm 1.8\%$	$< 1.0\%$	$< 2.5\%$	$< 1.6\%$	$< 0.7\%$	200 $\mu\text{l}$
MGB037	2-20	0.02	$< \pm 2.5\%$	$< \pm 1.8\%$	$< 1.0\%$	$< 1.7\%$	$< 1.1\%$	$< 0.5\%$	200 $\mu\text{l}$
MGB038	5-50	0.1	$< \pm 1.5\%$	$< \pm 1.3\%$	$< 1.0\%$	$< 1.0\%$	$< 0.7\%$	$< 0.4\%$	200 $\mu\text{l}$
MGB039	10-100	0.1	$< \pm 1.5\%$	$< \pm 1.2\%$	$< 0.8\%$	$< 1.0\%$	$< 0.6\%$	$< 0.2\%$	200 $\mu\text{l}$
MGB040	20-200	0.2	$< \pm 1.5\%$	$< \pm 1.1\%$	$< 0.6\%$	$< 0.6\%$	$< 0.4\%$	$< 0.2\%$	200 $\mu\text{l}$
MGB033	100-1000	1	$< \pm 1.5\%$	$< \pm 1.0\%$	$< 0.5\%$	$< 0.5\%$	$< 0.4\%$	$< 0.2\%$	1000 $\mu\text{l}$

Values obtained with double-distilled water at a constant temperature ( $\pm 0.5^\circ\text{C}$ ) between 20 and 25°C according to ISO 8655.

1) measured at 0.5  $\mu\text{l}$  - 2) measured at 1  $\mu\text{l}$



**MGB - Adjustable volume pipettes**

**Triopack Acura® manual 825**



- 1 | Three adjustable pipettes.
- 2 | Wide range of volume combinations up to 10 mL
- 3 | Nine different packages.
- 4 | Includes: Qualitix® samples, silicone grease, quality control certificates and instruction manual.

Code	Contains		
	(micropipettes / macropipettes models)		
MGB046	2 µl (0.1-2)	10 µl (0.5-10)	50 µl (5-50)
MGB047	2 µl (0.1-2)	20 µl (2-20)	200 µl (20-200)
MGB048	10 µl (1-10)	50 µl (5-50)	200 µl (20-200)
MGB045	10 µl (1-10)	100 µl (10-100)	1000 µl (100-1000)
MGB044	10 µl (0.5-10)	100 µl (10-100)	1000 µl (100-1000)
MGB043	20 µl (2-20)	200 µl (20-200)	1000 µl (100-1000)
MGB041	100 µl (10-100)	1000 µl (100-1000)	5 ml (0.5-5)
MGB042	50 µl (5-50)	200 µl (20-200)	1000 µl (100-1000)
MGB049	1000 µl (100-1000)	5 ml (0.5-5)	10 ml (1-10)

Values obtained with double-distilled water at a constant temperature (± 0.5°C) between 20 and 25°C according to ISO 8655.



**Micropipette Acura® manual 826 XS**



- 1 | Three adjustable pipettes.
- 2 | Wide range of volume combinations up to 10 mL
- 3 | Nine different packages.
- 4 | Includes: Qualitix® samples, silicone grease, quality control certificates and instruction manual.

Code	Volume	Weight
MGB050	0.1 - 2 µl	84 gr
MGB051	0.5 - 10 µl	84 gr
MGB052	1 - 10 µl	85 gr
MGB053	2 - 20 µl	85 gr
MGB054	5 - 50 µl	86 gr
MGB055	10 - 100 µl	87 gr
MGB056	20-200 µl	86 gr
MGB057	100 - 1000 µl	88 gr



**Acura® manual 826 XS Twin pack**



- 1 | Two adjustable volume pipettes. Shelf support for pipettes.
- 2 | Volume combinations up to 1000 µl
- 3 | Six different packages.

Code	Contains (micropipette)	
MGB058	2 µl (0.1 - 2)	20 µl (2 - 20)
MGB059	10 µl (0.5 - 10)	100 µl (10 - 100)
MGB060	20 µl (2 - 20)	200 µl (20 - 200)
MGB061	50 µl (5 - 50)	200 µl (20 - 200)
MGB062	100 µl (10 - 100)	1000 µl (100 - 1000)
MGB063	200 µl (20 - 200)	1000 µl (100 - 1000)





▶ MGB - Adjustable volume pipettes

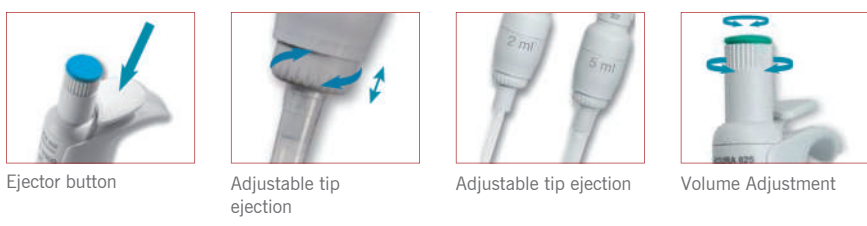
▶ Macropipette Acura manual® 835



AUTO  
+121°

- 1 | Intelligent and reliable volume adjustment. One-handed operation
  - 2 | Interchangeable nozzle protection filter
  - 3 | Adjustable Justip™\* tip ejector that fits most tips
  - 4 | Swift-set user calibration system\*
  - 5 | Shock, UV and autoclave resistant.
  - 6 | Pasteur pipette adapter included in the 2 and 5 ml models
- \*Patented by Socorex

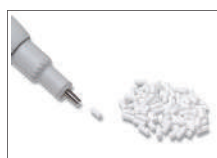
PATENTED TIP EJECTION SYSTEM



Code	Volume ml	Division ml	Inaccuracy (%E)			Imprecision (%CV)			Tip type
			Vol. min	Vol. medium	Vol. max	Vol. min	Vol. medium	Vol. max	
MGB066	0.2-2	0.002	<± 1.5%	<± 1.0%	<± 0.5%	< 0.5%	< 0.3%	< 0.2%	2 ml
MGB070 <sup>1)</sup>	0.2-2	0.002	<± 1.5%	<± 1.0%	<± 0.5%	< 0.5%	< 0.3%	< 0.2%	2 ml+Pasteur
MGB067	0.5-5	0.01	<± 1.5%	<± 1.1%	<± 0.6%	< 0.6%	< 0.5%	< 0.3%	5 ml
MGB068 <sup>1)</sup>	0.5-5	0.01	<± 1.5%	<± 1.1%	<± 0.6%	< 0.6%	< 0.5%	< 0.3%	5 ml+Pasteur
MGB069	1-10	0.01	<± 1.5%	<± 0.7%	<± 0.5%	< 0.5%	< 0.3%	< 0.2%	10 ml

Values obtained with double-distilled water at a constant temperature (± 0.5°C) between 20 and 25°C according to ISO 8655.  
1) The model includes a Pasteur nozzle adapter.

Micropipettes accessories



MGY004 and MGY005

Accessories for pipettes Acura 835

Code	Description	Pack
MGY005	PP nozzle filter 10 mL, 30x10.5 mm (lxØ)	50 units
MGY004	PP nozzle filter 2 y 5 mL, 20x7.5 mm (lxØ)	250 units

▶ Microdispenser Acura® self-refill 865



AUTO  
+121°



- 1 | Excellent ergonomics, smooth activation of the plunger.
- 2 | Large display for volume.
- 3 | Easy calibration in the laboratory.
- 4 | No consumables required.
- 5 | Autoclavable fully assembled at 121°C and 250°F.
- 6 | Variable feeding by bottle, tube or syringe.

Code	Volume µl	Division µl	Inaccuracy (%E)			Imprecision (%CV)		
			Vol. min	Vol. medium	Vol. max	Vol. min	Vol. medium	Vol. max
MGB072	5-50	0.1	<± 5.0%	<± 3.5%	<± 1.5%	< 2.0%	< 1.4%	< 0.4%
MGB071	20-200	0.2	<± 2.5%	<± 1.8%	<± 1.0%	< 1.5%	< 1.0%	< 0.3%
MGB073	100-1000	1	<± 1.5%	<± 1.1%	<± 0.6%	< 0.6%	< 0.4%	< 0.2%

Values obtained with double-distilled water at a constant temperature (± 0.5°C) between 20 and 25°C according to ISO 8655.



Microdispenser Acura® self-refill 865 accessories



Manifold luer lock

Code	Description	Spacing
MGY001	4 channels	9 mm
MGY002	8 channels	20 mm
MGY040	PTFE cannula	



Code	Description	Capacity
MGY041	Reservoir PTFE, luer	30 mL
MGY043	Reservoir PP, luer	30 mL
MGY044	Inlet valve cap	
MGY045	Vial holder with feed needle and lock	

▶ Autoclavable pipette, adjustable volume



- 1 | Large ergonomic tip ejection button for quick tip replacement. Easy volume adjustment for left- and right-handed users.
- 2 | Accurate 4-digit volume display with magnification function for optimum readability.
- 3 | Colour-coded for easy selection of appropriate pipette tip. Ergonomic handle for easy handling. Corrosion-resistant piston and ejector for long life. Fully autoclavable.

Code	Volume	E*	CV*	Tips type
MGB501	0.5 - 10.0 µl	≤ ±% 1.0	≤% 0.5	20
MGB502	2.0 - 20.0 µl	≤ ±% 0.8	≤% 0.4	200
MGB503	10.0 - 100.0 µl	≤ ±% 0.6	≤% 0.2	200/300
MGB504	20.0 - 200.0 µl	≤ ±% 0.6	≤% 0.2	200/300
MGB505	100.0 - 1000.0 µl	≤ ±% 0.6	≤% 0.2	1000
MGB506	500.0 - 5000.0 µl	≤ ±% 0.6	≤% 0.2	5000
MGB507	1000.0 - 10000.0 µl	≤ ±% 0.6	≤% 0.2	10000



▶ MGD - Fixed volume pipette

▶ Autoclavable micropipette



- 1 | Unique ergonomic design for comfortable and prolonged use without fatigue.
- 2 | Completely autoclavable without disassembly. Colour coded for easy identification.
- 3 | Individual calibration certificate according to ISO 8655 standards.

Code	Volume	Inaccuracy (E%)	Imprecision (CV%)
MGD001	10 µl	< ± 0.8 %	< 0.8 %
MGD002	20 µl	< ± 0.6 %	< 0.5 %
MGD003	25 µl	< ± 0.5 %	< 0.3 %
MGD004	50 µl	< ± 0.5 %	< 0.3 %
MGD005	100 µl	< ± 0.5 %	< 0.3 %
MGD006	200 µl	< ± 0.4 %	< 0.2 %
MGD007	500 µl	< ± 0.3 %	< 0.2 %
MGD008	1000 µl	< ± 0.3 %	< 0.15 %



Micropipette accessories



Micropipette support\*

Code	Volume
MGTO01	Stand for 6 micropipettes

\* made of acrylic



▶ MGD - Fixed volume pipette

▶ Micropipette Acura® manual 815



AUTO  
+121°

1 | Ergonomic design and lightness. Smooth piston activation. Adjustable Justip™ tip ejector \* fits most tips. User calibration with integrated key. Colour-coded smartie cap.  
\*Patented by Socorex

Code	Volume $\mu$ l	Inaccuracy (E%)	Imprecision (CV%)	Tip type
MGD014	1	< $\pm$ 2.0%	< 1.0%	Ultra 10 $\mu$ l
MGD015	5	< $\pm$ 1.4%	< 1.0%	Ultra 10 $\mu$ l
MGD016	10	< $\pm$ 0.7%	< 0.7%	Ultra 10 $\mu$ l
MGD017	10Y	< $\pm$ 0.7%	< 0.8%	200 $\mu$ l
MGD018	15	< $\pm$ 0.7%	< 0.5%	200 $\mu$ l
MGD019	20	< $\pm$ 0.75%	< 0.5%	200 $\mu$ l
MGD020	25	< $\pm$ 0.7%	< 0.6%	200 $\mu$ l
MGD021	30	< $\pm$ 0.7%	< 0.6%	200 $\mu$ l
MGD022	32	< $\pm$ 0.7%	< 0.6%	200 $\mu$ l
MGD023	40	< $\pm$ 0.7%	< 0.5%	200 $\mu$ l
MGD024	50	< $\pm$ 0.7%	< 0.4%	200 $\mu$ l
MGD025	60	< $\pm$ 0.7%	< 0.5%	200 $\mu$ l
MGD026	70	< $\pm$ 0.7%	< 0.4%	200 $\mu$ l
MGD027	75	< $\pm$ 0.7%	< 0.4%	200 $\mu$ l
MGD028	80	< $\pm$ 0.7%	< 0.35%	200 $\mu$ l
MGD029	90	< $\pm$ 0.7%	< 0.3%	200 $\mu$ l
MGD030	100	< $\pm$ 0.7%	< 0.3%	200 $\mu$ l
MGD031	120	< $\pm$ 0.7%	< 0.4%	200 $\mu$ l
MGD032	150	< $\pm$ 0.7%	< 0.3%	200 $\mu$ l
MGD033	200	< $\pm$ 0.7%	< 0.3%	200 $\mu$ l
MGD034	250	< $\pm$ 0.7%	< 0.4%	1000 $\mu$ l
MGD035	300	< $\pm$ 0.7%	< 0.4%	1000 $\mu$ l
MGD036	400	< $\pm$ 0.7%	< 0.3%	1000 $\mu$ l
MGD037	500	< $\pm$ 0.7%	< 0.3%	1000 $\mu$ l
MGD038	600	< $\pm$ 0.7%	< 0.3%	1000 $\mu$ l
MGD039	700	< $\pm$ 0.7%	< 0.2%	1000 $\mu$ l
MGD040	750	< $\pm$ 0.7%	< 0.2%	1000 $\mu$ l
MGD041	800	< $\pm$ 0.7%	< 0.2%	1000 $\mu$ l
MGD042	900	< $\pm$ 0.7%	< 0.2%	1000 $\mu$ l
MGD013	1000	< $\pm$ 0.6%	< 0.2%	1000 $\mu$ l

▶ Macropipette Acura manual® 835 F



AUTO  
+121°

- 1 | Unique ergonomic design for comfortable and prolonged use without fatigue.
- 2 | Completely autoclavable without disassembly.
- 3 | Colour coded for easy identification.
- 4 | Individual calibration certificate according to ISO 8655 standards.

Code	Volume mL	Inaccuracy (E%)	Accuracy (CV%)	Tip
MGD043	2	< $\pm$ 0.8%	< 0.5%	2 mL
MGD044	2.5	< $\pm$ 0.8%	< 0.5%	5 mL
MGD045	5	< $\pm$ 0.7%	< 0.3%	5 mL
MGD046	10	< $\pm$ 0.5%	< 0.2%	10 mL

▶ Micropipette Digipette Junior

**DIGIPETTE**



AUTO  
+121°

1 | Compact design fixed volume micropipette with height of 130mm. Calibrated according to the ISO8655-6 standard. Fully autoclavable.

Code	Nominal volume ( $\mu$ L)	Test volume ( $\mu$ L)	Inaccuracy ( $\pm$ )%	Imprecision ( $\pm$ )%
MGD095	5	5	1,3	1,2
MGD096	10	10	0,8	0,8
MGD097	20	20	0,6	0,5
MGD098	25	25	0,5	0,3
MGD099	50	50	0,5	0,3
MGD100	100	100	0,5	0,3
MGD101	200	200	0,4	0,2



**MGD - Fixed volume pipette**

**Minifix**

**Kartell**

1 | Fixed-volume. Air displacement. Totally autoclavable. Designed for fast, repetitive and precise operations. Length 13cm, weight 10g.

Code	Volume	Accuracy (E%)	Precision (CV%)
MGD050	5 µl	± 1.5	± 1.0
MGD051	10 µL	± 1.0	± 1.0
MGD052	20 µl	± 0.5	± 0.5
MGD053	25 µl	± 0.5	± 0.5
MGD054	50 µl	± 0.4	± 0.3
MGD055	100 µl	± 0.3	± 0.3
MGD056	200 µl	± 0.3	± 0.2
MGD057	250 µl	± 0.3	± 0.2
MGD058	500 µl	± 0.3	± 0.2
MGD059	1000 µl	± 0.3	± 0.2



**MGG - Multichannel pipette**

**Autoclavable micropipettes**

**DIGIPETTE**

- 1 | Widely used in immunology, biochemistry, clinical diagnosis and food analysis.
- 2 | Suitable for handling microtiter plates in dilution processes and washing steps among others. 360° rotating and detachable head for autoclaving.
- 3 | Identification by colour code.

Code	Range Vol. µl	Res. µl	Test Vol. µl	Inaccuracy (±) %	Imprecision (±) %
<b>8 Channels</b>					
MGG001	0.5-10	0.1	1 10	4 1.5	4 1.5
MGG002	5-50	0.5	5 50	3 1	2 0.7
MGG003	10-100	1	10 100	1.5 1	1.5 0.5
MGG004	20-200	1	20 200	1.5 0.7	0.75 0.25
MGG005	30-300	1	30 300	1.5 0.8	0.75 0.25
<b>12 Channels</b>					
MGG006	0.5-10	0.1	1 10	4 1.5	4 1.5
MGG007	5-50	0.5	5 50	3 1	2 0.7
MGG008	10-100	1	10 100	1.5 1	1.5 0.5
MGG009	20-200	1	20 200	1.5 0.7	0.75 0.25
MGG010	30-300	1	30 300	1.5 0.8	0.75 0.25





▶ MGG - Multichannel pipette

▶ Premium Autoclavable Micropipette



**DIGIPETTE**

- 1 | Pipetting with minimum effort and high precision thanks to:
  - Magnet-assisted piston for precise and consistent results.
  - Innovative spring and seal design for one of the lowest activation force pipettes.
  - Ergonomic design with the right weight.
- 2 | Precise volume adjustment with built-in locking system.
- 3 | Includes Factory Calibration Report (according to ISO 8655-6 in ISO 17025 accredited laboratory).
- 4 | Universal tip compatibility. Effortless tip ejection due to unique damping mechanism.
- 5 | 360° rotatable volumetric module for flexible and effortless rotation.

Code	Range	Increment
<b>8 Channels</b>		
MGG028	0,5-10 µl	0,02 µl
MGG029	2-20 µl	0,02 µl
MGG030	5-50 µl	0,1 µl
MGG031	10-100 µl	0,1 µl
MGG032	20-200 µl	0,2 µl
MGG033	30-300 µl	0,2 µl
<b>12 Channels</b>		
MGG034	0,5-10 µl	0,02 µl
MGG035	2-20 µl	0,02 µl
MGG036	5-50 µl	0,1 µl
MGG037	10-100 µl	0,1 µl
MGG038	20-200 µl	0,2 µl
MGG039	30-300 µl	0,2 µl

▶ Acura® manual 855



- 1 | 8 and 12 channel models, up to 350 µl.
- 2 | Lightness and perfect adaptation to the hand.
- 3 | Precision digital display always visible.
- 4 | Adjustable Justip™ tip ejector that fits most tips.
- 5 | Swift-set user calibration system\*.
- 6 | 360° rotation of the volumetric module.

\* Patented by Socorex



360° rotation



Multichannel vessel

Code	Volume µl	Division µl	Inaccuracy (%E)			Imprecision (%CV)			Tip Type
			Vol. min	Vol. medium	Vol. max	Vol. min	Vol. medium	Vol. max	
<b>12 Channels</b>									
MGG016	0.5 - 10	0.01	<± 3.5% <sup>1)</sup>	<± 2.5%	<± 1.5%	< 3.0% <sup>1)</sup>	< 2.0%	< 1.0%	Ultra 10 µl
MGG017	5 - 50	0.1	<± 1.0%	<± 0.9%	<± 0.8%	< 1.0%	< 0.7%	< 0.4%	200 µl
MGG018	20 - 200	0.2	<± 0.9%	<± 0.8%	<± 0.7%	< 0.6%	< 0.5%	< 0.3%	200 µl
MGG019	40 - 350	0.4	<± 1.0%	<± 0.9%	<± 0.8%	< 0.6%	< 0.5%	< 0.3%	350 µl
<b>8 Channels</b>									
MGG020	0.5 - 10	0.01	<± 3.5% <sup>1)</sup>	<± 2.5%	<± 1.5%	< 3.0% <sup>1)</sup>	< 2.0%	< 1.0%	Ultra 10 µl
MGG021	5 - 50	0.1	<± 1.0%	<± 0.9%	<± 0.8%	< 1.0%	< 0.7%	< 0.4%	200 µl
MGG024	10-100	0.1	<± 1.0%	<± 0.9%	<± 0.8%	< 0.9%	< 0.6%	< 0.4%	200 µl
MGG022	20 - 200	0.2	<± 0.9%	<± 0.8%	<± 0.7%	< 0.6%	< 0.5%	< 0.3%	200 µl
MGG023	40 - 350	0.4	<± 1.0%	<± 0.9%	<± 0.8%	< 0.6%	< 0.5%	< 0.3%	350 µl



**MGJ - Repeater pipettes**

**Repeater pipette Stepper™ 416**



- 1 | Activation with 4 fingers. Self-locking mechanism.
- 2 | Colour-coded setup buttons provide clear indication of volumes and number of aliquots.
- 3 | Three colour-coded positive displacement syringes (Ecostep™ syringes)

**Code** MGJ003

Number aliquots	73	49	36	29	24	20	18	15	14	12	11	10	9	8	8	7	7	7	6
Volume $\mu$ L	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Volume $\mu$ L	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
Volume $\mu$ L	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000

**Stepper™ 416 accessories**



Syringe Ecostep™

Code	Capacity	Volume	Sterile	Packaging
MJV025	0.75 mL	10-100 $\mu$ L	No	100
MJV028	0.75 mL	10-100 $\mu$ L	Yes	50
MJV026	3.75 mL	50-500 $\mu$ L	No	100
MJV027	3.75 mL	50-500 $\mu$ L	Yes	50
MJV029	37.5 mL	500-5000 $\mu$ L	No	100
MJV030	37.5 mL	500-5000 $\mu$ L	Yes	50



Replacement adaptor Ecostep™ red

**Code** MJV031



Work station for Stepper™

**Code** MGT020

**Manual dispenser**



- 1 | Ideal for speeding up long repetitive pipetting series. Lightweight and ergonomic for one-handed operation without fatigue. Suitable for all viscosities with guaranteed precision and accuracy. Safety design to avoid pipette contamination or cross-contamination.

Code	Description
MGJ001	Manual dispenser Digipette 10 - 5000 $\mu$ L

**Accessories - Pipette Syringes**

Code	Capacity	Volume	Sterile	Packaging
MJV017	0.5 mL	100-500 $\mu$ L	$\pm 0,6\%$	10
MJV020	5 mL	100-500 $\mu$ L	$\pm 0,6\%$	10



**MGM - Electronic pipettes**

**Digital pipette DosyPette**



- 1 | Pipetting, mixing, multi-dispensing (step-by-step) and dilution functions
- 2 | High performance motorized control ensures high accuracy and repeatability and eliminates possible errors in manual pipetting
- 3 | Self-calibration: by connecting to the PC via the USB port, the user can perform the calibration of the pipette using the specific software.
- 4 | Autoclavable bottom module. Adjustable aspiration and dispensing speed

Code	Volume (uL)	Increment (uL)	Vol. test (uL)	Inaccuracy (uL) %	Imprecision SD (uL) CV%
MGM039	0.5-10	0.01	10	$\pm 0.10 \pm 1.0$	0.05 0.50
			1	$\pm 0.03 \pm 3.5$	0.03 3.00
MGM040	5-50	0.1	50	$\pm 0.40 \pm 0.80$	0.15 0.30
			5	$\pm 0.15 \pm 3.00$	0.12 2.50
MGM041	30-300	1	300	$\pm 1.80 \pm 0.60$	0.60 0.20
			30	$\pm 0.9 \pm 3.00$	0.21 0.70
MGM042	100-1000	5	1000	$\pm 6.00 \pm 0.60$	2.00 0.20
			100	$\pm 3.00 \pm 3.00$	0.60 0.60





## MGM - Electronic pipettes

▶ Acura® electro: 926XS (micro), 936 (macro), 956 (multichannel)



- 1 | Optimised, lightweight ergonomics. Easy and intuitive self-learning program.
- 2 | Large reversible display for left/right reading.
- 3 | Quickly interchangeable battery. Quick charge, long working autonomy.
- 4 | Adjustable ejector\* to fit most tips.
- 5 | Pipetting cycle counter.
- 6 | 27 interchangeable volumetric modules, all fit into the same control unit.
- 7 | Adjustable pipetting speed.

\*Patented by Socorex.

### Starter Pack

Recommended when purchasing an Acura Electro for the first time. Each starter pack includes: electronic pipette, quality control certificate, instruction manual, charging stand, power supply, additional battery pack and samples of pipette tips.

Code	Volume	Division	Inaccuracy (E%)		Accuracy (CV%)		Tip
			Vol. min.	Vol. max.	Vol. min.	Vol. max.	
<b>Acura® Electro 926XS Micropipettes</b>							
MGM002	0.1 – 2 µl	0.01 µl	<+/- 2.5 % <sup>1)</sup>	<+/- 0.9 %	< 2.5 % <sup>1)</sup>	< 0.8 %	Ultra 10 µl
MGM003	0.5 - 10 µl	0.05 µl	<+/- 1.2 % <sup>2)</sup>	<+/- 0.6 %	< 1.5 % <sup>2)</sup>	< 0.35 %	Ultra 10 µl
MGM004	0.5 - 10 µl	0.05 µl	<+/- 1.2 % <sup>2)</sup>	<+/- 0.6 %	< 1.7 % <sup>2)</sup>	< 0.4 %	200 µl
MGM005	1 - 20 µl	0.1 µl	<+/- 1.2 % <sup>2)</sup>	<+/- 0.5 %	< 1.2 % <sup>2)</sup>	< 0.3 %	200 µl
MGM006	2.5 - 50 µl	0.25 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.5 %	< 0.7 % <sup>2)</sup>	< 0.25 %	200 µl
MGM007	5 - 100 µl	0.5 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.5 %	< 0.7 % <sup>2)</sup>	< 0.2 %	200 µl
MGM013	10 - 200 µl	1.0 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.4 %	< 0.6 % <sup>2)</sup>	< 0.15 %	200 µl
MGM001	50 - 1000 µl	5.0 µl	<+/- 0.8 % <sup>2)</sup>	<+/- 0.4 %	< 0.4 % <sup>2)</sup>	< 0.1 %	1000 µl
<b>Acura® Electro 936 Micropipettes</b>							
MGM020	0.1 - 2 ml	0.01 ml	<+/- 1.5 % <sup>2)</sup>	<+/- 0.5 %	< 0.6 % <sup>2)</sup>	< 0.15 %	2 ml
MGM021	0.25 - 5 ml	0.05 ml	<+/- 1.2 % <sup>2)</sup>	<+/- 0.5 %	< 0.6 % <sup>2)</sup>	< 0.15 %	5 ml
MGM022	0.5 - 10 ml	0.05 ml	<+/- 1.0 % <sup>2)</sup>	<+/- 0.5 %	< 0.5 % <sup>2)</sup>	< 0.15 %	10 ml
<b>Acura® Electro 956 Pipettes, 8 Channels</b>							
MGM031	0.5 - 10 µl	0.05 µl	<+/- 3.5 % <sup>2)</sup>	<+/- 1.0 %	< 3.0 % <sup>2)</sup>	< 0.7 %	Ultra 10 µl
MGM037	2.5 - 50 µl	0.25 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.8 %	< 1.0 % <sup>2)</sup>	< 0.4 %	200 µl
MGM033	10 - 200 µl	1.0 µl	<+/- 0.9 % <sup>2)</sup>	<+/- 0.6 %	< 0.6 % <sup>2)</sup>	< 0.25 %	200 µl
MGM035	20 - 350 µl	5.0 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.6 %	< 0.6 % <sup>2)</sup>	< 0.25 %	350 µl
<b>Initial Pack of Acura® Electro 926XS Micropipettes</b>							
MGM008	0.1 – 2 µl	0.01 µl	<+/- 2.5 % <sup>1)</sup>	<+/- 0.9 %	< 2.5 % <sup>1)</sup>	< 0.8 %	Ultra 10 µl
MGM009	0.5 - 10 µl	0.05 µl	<+/- 1.2 % <sup>2)</sup>	<+/- 0.6 %	< 1.5 % <sup>2)</sup>	< 0.35 %	Ultra 10 µl
MGM010	0.5 - 10 µl	0.05 µl	<+/- 1.2 % <sup>2)</sup>	<+/- 0.6 %	< 1.7 % <sup>2)</sup>	< 0.4 %	200 µl
MGM011	1 - 20 µl	0.1 µl	<+/- 1.2 % <sup>2)</sup>	<+/- 0.5 %	< 1.2 % <sup>2)</sup>	< 0.3 %	200 µl
MGM012	2.5 - 50 µl	0.25 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.5 %	< 0.7 % <sup>2)</sup>	< 0.25 %	200 µl
MGM014	5 - 100 µl	0.5 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.5 %	< 0.7 % <sup>2)</sup>	< 0.2 %	200 µl
MGM015	10 - 200 µl	1.0 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.4 %	< 0.6 % <sup>2)</sup>	< 0.15 %	200 µl
MGM016	50 - 1000 µl	5.0 µl	<+/- 0.8 % <sup>2)</sup>	<+/- 0.4 %	< 0.4 % <sup>2)</sup>	< 0.1 %	1000 µl
<b>Initial Pack of Acura® Electro 956 Pipettes, 8 Channels</b>							
MGM032	0.5 - 10 µl	0.05 µl	<+/- 3.5 % <sup>2)</sup>	<+/- 1.0 %	< 3.0 % <sup>2)</sup>	< 0.7 %	Ultra 10 µl
MGM038	2.5 - 50 µl	0.25 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.8 %	< 1.0 % <sup>2)</sup>	< 0.4 %	200 µl
MGM034	10 - 200 µl	1.0 µl	<+/- 0.9 % <sup>2)</sup>	<+/- 0.6 %	< 0.6 % <sup>2)</sup>	< 0.25 %	200 µl
MGM036	20 - 350 µl	5.0 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.6 %	< 0.6 % <sup>2)</sup>	< 0.25 %	350 µl
<b>Initial Pack of Acura® Electro 956 Pipettes, 12 Channels</b>							
MGM024	0.5 - 10 µl	0.05 µl	<+/- 3.5 % <sup>2)</sup>	<+/- 1.0 %	< 3.0 % <sup>2)</sup>	< 0.7 %	Ultra 10 µl
MGM030	2.5 - 50 µl	0.25 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.8 %	< 1.0 % <sup>2)</sup>	< 0.4 %	200 µl
MGM026	10 - 200 µl	1.0 µl	<+/- 0.9 % <sup>2)</sup>	<+/- 0.6 %	< 0.6 % <sup>2)</sup>	< 0.25 %	200 µl
MGM028	20 - 350 µl	5.0 µl	<+/- 1.0 % <sup>2)</sup>	<+/- 0.6 %	< 0.6 % <sup>2)</sup>	< 0.25 %	350 µl

Values obtained in advanced mode with double-distilled water at a constant temperature (± 0.5°C) between 20 and 25 °C, according to ISO 8655. Average throughput at: 1) 0.5 µl, 2) 10% of nominal volume



**MGP - Electronic pipettes, modules**

**Short vol, module for Acura electro**



Code	Vol. range	Type of tip
<b>Reduced handle length</b>		
MGP022	0.1 - 2 µl	Ultra 10 µl
MGP026	0.5 - 10 µl	Ultra 10 µl
MGP024	0.5 - 10 µl	200 µl
MGP009	1 - 20 µl	200 µl
MGP012	2.5 - 50 µl	200 µl
MGP007	5 - 100 µl	200 µl
MGP019	10 - 200 µl	200 µl
MGP014	50 - 1000 µl	1000 µl
<b>Normal handle length</b>		
MGP023	0.1 - 2 µl	Ultra 10 µl
MGP027	0.5 - 10 µl	Ultra 10 µl
MGP025	0.5 - 10 µl	200 µl
MGP008	1 - 20 µl	200 µl
MGP011	2.5 - 50 µl	200 µl
MGP006	5 - 100 µl	200 µl
MGP018	10 - 200 µl	200 µl
MGP013	50 - 1000 µl	1000 µl
<b>Single channel macroVolumes</b>		
MGP003	0.1 - 2 mL	2 mL
MGP020	0.25 - 5 mL	5 mL
MGP001	0.5 - 10 mL	10 mL



**Microvolumes of 8 and 12 channels**



Code	Vol. range	Type of tip
<b>8 channels</b>		
MGP021	0.5 - 10 µl	Ultra 10 µl
MGP002	2.5 - 50 µl	200 µl
MGP004	10 - 200 µl	200 µl
MGP005	20 - 350 µl	350 µl
<b>12 channels</b>		
MGP010	0.5 - 10 µl	Ultra 10 µl
MGP015	2.5 - 50 µl	200 µl
MGP016	10 - 200 µl	200 µl
MGP017	20 - 350 µl	350 µl



**MGR - Other types of pipettes**

**Acura® dilute 810 (Pipette dilution 1:10)**



- Two pre-calibrated fixed volumes - no adjustment required.
- Smooth activation, excellent ergonomics.
- Interchangeable PE nozzle protection filter.
- Justip™ system to adjust the height of the tip ejector.
- Independent calibration for each volume. Fully autoclavable at 121°C / 250 °F.

Code	Inaccuracy (E%)	Imprecision (CV %)	Volume
MGR001	< ± 0.5%	< 0.4%	1 mL
	< ± 2.0%	< 2.5%	0.1 mL

Values obtained with double-distilled water at a constant temperature (± 0.5°C) between 20 and 25°C according to ISO 8655.



**Acura® dilute 810 accessories**



Code	Description	Pack
MGY006	PE nozzle filter 6.3x2.5 mm	100 units.



## MGR - Other types of pipettes

### ► Acura® capillar 846 (micropipette positive displacement)



- 1 | Gravity volume adjustment. The tip is a glass capillary tube.
- 2 | Corresponding colour codes for pipette, plunger and capillary.
- 3 | Stainless steel plunger with Ethylene-TetraFluoroEthylene (ETFE) tip.

Code	Volume	Inaccuracy (%E)			Imprecision (%CV)		
		Vol. min	Vol. medium	Vol. max	Vol. min	Vol. medium	Vol. max
MGR002	1-2-3-4-5 µl	<± 3.0%	<± 2.3%	<± 2.0%	< 2.5%	< 2.0%	< 1.2%
MGR003	5-10-15-20-25 µl	<± 1.5%	<± 1.2%	<± 0.8%	< 1.0%	< 0.9%	< 0.6%
MGR004	10-20-30-40-50 µl	<± 1.5%	<± 1.0%	<± 0.7%	< 0.8%	< 0.7%	< 0.4%
MGR005	60-75-80-90-100 µl	<± 0.7%	<± 0.7%	<± 0.7%	< 0.6%	< 0.5%	< 0.3%
MGR006	100-120-150-175-200 µl	<± 0.7%	<± 0.7%	<± 0.7%	< 0.3%	< 0.3%	< 0.3%

### Micropipettes accessories



#### Capillary tube

Code	Volume	Colour	Pack
MGY007	1-5 µl	White	200/box
MGY008	5-25 µl	White	200/box
MGY009	10-50 µl	Green	200/box
MGY010	60-100 µl	Blue	200/box
MGY011	100-200 µl	Red	200/box



#### Spare plunger

Code	Volume	Colour	Pack
MGY012	1-5 µl	Steel	5/box
MGY013	5-25 µl	White	5/box
MGY014	10-50 µl	Green	5/box
MGY015	60-100 µl	Blue	5/box
MGY016	100-200 µl	Red	5/box

## MGT - Stands

### ► Stand



#### DIGIPETTE

- 1 | Made of acrylic, allows to place up to 6 pipettes.

Code	Description
MGT001	Stand for 6 pipettes

### ► Soporte Twister universal 336



- 1 | 6 positions. Fluid 360° rotation. Easy reach of the instruments. Concept adapted to most brands of pipettes. Interchangeable disks. Seven translucent colours.

Code	Colour	Pack
MGT013	Zaphire blue	1/box
MGT014	Emerald green	1/box
MGT015	Topaz orange	1/box
MGT016	Quartz grey	1/box
MGT017	Rubi red	1/box
MGT018	Diamond white	1/box
MGT019	Citrine yellow	1/box



**MGT - Stands**

**Soporte 340**



- 1 | 3 positions. Adapted for micro, macro, and/or multichannel Socorex pipettes and Acura 846 positive displacement pipettes.
- 2 | Each instrument can be easily accessed. Made from polyamide material.

Code	Colour	Pack
MGT012	Light grey	1/box



**Charging stand 3 positions, Acura electro**



- 1 | The pipette or battery holder allows up to 3 pipettes or batteries to be charged and stored simultaneously.
- 2 | Each position is equipped with a red/green charging LED.
- 3 | Power supply not included (REF: MGY046)

Code	Description
MGT021	For pipettes or batteries
MGT022	For batteries



**Work station shelf 332**



- 1 | Two positions.
- 2 | Adapted for micro, macro and multi-channel pipettes.
- 3 | Fits all Calibra and Acura instruments including Acura 865 micro-dispensing pipettes.
- 4 | Supplied with self-adhesive strip.

Code	Description	Pack
MGT004	Work station shelf 332 for 2 Pipettes	1
MGT006	Work station shelf 332 for 2 Pipettes	4



**Work station 337**



- 1 | 7 positions. Holds single channel pipettes of most brands.
- 2 | Space-saving pipette holder.
- 3 | Robust polyamide material.

Code	Colour	Pack
MGT009	Light grey	1/box
MGT007	Pale pink	1/box
MGT010	Glacier blue	1/box
MGT008	Mint green	1/box
MGT011	Vanilla yellow	1/box



**Digipette Junior micropipettes stand**



- 1 | Acrylic support for 6 Digipette Junior fixed volume micropipettes









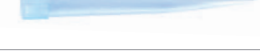





Code	Description
MGT025	Junior micropipettes stand





10 - 20 $\mu$ L Tips	Size	Code	Colour	Description	Sterile	Pack
	31.4	MJB018	Natural	10 $\mu$ L ultra-microtips, fine pointed, graduated, autoclavable		1000/bag
		MJB023	Natural	10 $\mu$ L ultra-microtips, fine pointed, graduated, autoclavable		12x96/rack
		MJB037	Natural	10 $\mu$ L ultra-microtips, fine pointed, graduated, autoclavable	ok	12x96/rack
	38.1	MJB012	Natural	20 $\mu$ L extended microtips, fine pointed, autoclavable		1000/bag
		MJB016	Natural	20 $\mu$ L extended microtips, fine pointed, autoclavable		10x96/rack
	71.0	MJB015	Natural	10 $\mu$ L capillary tips for gel loading, autoclavable		4x204/rack
	38.3	MJB042	Natural	10 $\mu$ L saver ultra-microtips, fine pointed, autoclavable		1000/bag
<b>10 - 20 <math>\mu</math>L Filter Tips</b>						
	31.4	MJB027	Natural	10 $\mu$ L saver ultra-microtips, fine pointed, autoclavable	ok	12x96/rack
	38.1	MJB022	Natural	20 $\mu$ L extended microtips, with filter, fine pointed	ok	10x96/rack
<b>10 - 20 <math>\mu</math>L Low Protein Binding Tips</b>						
	31.4	MJB038	Natural	10 $\mu$ L ultra-microtips, low binding, fine pointed, autoclavable		12x96/rack
		MJB039	Natural	10 $\mu$ L ultra-microtips, low binding, fine pointed, autoclavable	ok	12x96/rack
	38.1	MJB040	Natural	20 $\mu$ L extended microtips, low binding, fine pointed, autoclavable		10x96/rack
		MJB041	Natural	20 $\mu$ L extended microtips, low binding, fine pointed, autoclavable	ok	10x96/rack
<b>20 - 100 <math>\mu</math>L Filter Tips</b>						
	49.6	MJD005	Natural	20 $\mu$ L filter tips, bevel point	ok	10x96/rack
		MJG003	Natural	100 $\mu$ L filter tips, bevel point	ok	10x96/rack
<b>200 <math>\mu</math>L Tips</b>						
	49.6	MJJ017	Natural	200 $\mu$ L universal tips, bevel point, graduated, autoclavable		1000/bag
		MJJ018	Natural	200 $\mu$ L universal tips, bevel point, graduated, autoclavable		10x96/rack
		MJJ035	Natural	200 $\mu$ L universal tips, bevel point, graduated, autoclavable	ok	10x96/rack
	49.6	MJJ030	Yellow	200 $\mu$ L regular tips, bevel point, autoclavable		1000/bag
		MJJ031	Yellow	200 $\mu$ L regular tips, bevel point, autoclavable		10x96/rack
		MJJ037	Yellow	200 $\mu$ L regular tips, bevel point, autoclavable		10x96/rack
	82.5	MJJ032	Natural	200 $\mu$ L capillary tips for gel loading, autoclavable		6x96/rack
	49.5	MJJ052	Natural	200 $\mu$ L saver tips, autoclavable		1000/bag
		MJJ025	Yellow	200 $\mu$ L saver tips, autoclavable		1000/bag



200 $\mu$ L Filter Tips	Size	Code	Colour	Description	Sterile	Pack
	51.2	MJJ036	Natural	200 $\mu$ L universal tips with filter, bevel point	ok	10x96/rack
	83.8	MJJ033	Natural	200 $\mu$ L extended tips with filter, fine pointed	ok	6x96/rack
<b>200 <math>\mu</math>L Low Protein Binding Tips</b>						
	49.6	MJJ038	Natural	200 $\mu$ L universal tips, low binding, graduated, autoclavable		10x96/rack
		MJJ039	Natural	200 $\mu$ L universal tips, low binding, graduated, autoclavable	ok	10x96/rack
<b>350 <math>\mu</math>L Tips</b>						
	58.8	MJL011	Natural	350 $\mu$ L regular tips, autoclavable		1000/bag
		MJL010	Natural	350 $\mu$ L regular tips, autoclavabl		10x96/rack
<b>300 <math>\mu</math>L Filter Tips</b>						
	58.8	MJL008	Natural	300 $\mu$ L regular tips with filter		10x96/rack
<b>1000 <math>\mu</math>L Tips</b>						
	88.9	MJN017	Natural	1000 $\mu$ L universal tips, fine pointed, autoclavable		1000/bag
		MJN029	Natural	1000 $\mu$ L universal tips, fine pointed, autoclavable		6x96/rack
		MJN034	Natural	1000 $\mu$ L universal tips, fine pointed, autoclavable	ok	6x96/rack
	75.9	MJN018	Blue	1000 $\mu$ L regular tips, bevel point, autoclavable		1000/bag
		MJN031	Blue	1000 $\mu$ L regular tips, bevel point, autoclavable		6x96/rack
		MJN037	Blue	1000 $\mu$ L regular tips, bevel point, autoclavable	ok	6x96/rack
	75.9	MJN022	Natural	1000 $\mu$ L regular tips, bevel point, graduated, autoclavable		1000/bag
		MJN030	Natural	1000 $\mu$ L regular tips, bevel point, graduated, autoclavable		6x96/rack
	70.9	MJN046	Natural	1000 $\mu$ L saver tips, autoclavable		1000/bag
		MJN045	Blue	1000 $\mu$ L saver tips, autoclavable		1000/bag
<b>1000 <math>\mu</math>L Filter Tips</b>						
	88.9	MJN028	Natural	1000 $\mu$ L universal tips, with filter, fine pointed, autoclavable		6x96/rack
<b>1000 <math>\mu</math>L Low Protein Binding Tips</b>						
	88.9	MJN035	Natural	1000 $\mu$ L universal tips, low binding, fine pointed, autoclavable		6x96/rack
		MJN036	Natural	1000 $\mu$ L universal tips, low binding, fine pointed, autoclavable	ok	6x96/rack
<b>2, 5, 10 mL Macrotips</b>						
	115.5	MJQ010	Natural	2 mL macrotips, autoclavable		2x250/bag
		MJQ023	Natural	2 mL macrotips, autoclavable		30x250/bag
	123.2	MJQ011	Natural	5 mL macrotips, graduated, autoclavable		2x250/bag
		MJQ024	Natural	5 mL macrotips, graduated, autoclavable		25x250/bag
		MJQ014	Natural	5 mL macrotips, graduated, autoclavable		2x50/bag
	150.0	MJQ012	Natural	10 mL macrotips, autoclavable		3x100/bag
		MJQ025	Natural	10 mL macrotips, autoclavable		40x100/bag



**MJ - Tips DIGIPETTE**

10 µL Tips	Code	Colour	Description	Sterile	Pack
	MJB011	White	Micropipette tips, white, 10 µL, b/1000		1000/bag
	MJB032	Natural	Pipette tips in bag, 10 µl, High Quality		96/rack
	MJB034	Natural	Pipette tips in rack, 10 µl, High Quality	OK	96/rack
	MJB035	Natural	Pipette tips in rack, 10 µl, low retention, High Quality	ok	96/rack
	MJB036	Natural	Filter pipette tips in rack, 10 µl, High Quality, sterile,	ok	96/rack
<b>20 µL Tips</b>					
	MJD011	Natural	Filter pipette tips, 20 µl, High Quality, steriler ack	ok	96/rack
	MJD012	Natural	Low retention filter pipette tips, 20µl, High Quality, sterile rack	ok	96/rack
<b>100 µL Tips</b>					
	MJG005	Natural	Filter pipette tips in bag, 100 µl, High Quality		1000/bag
	MJG006	Natural	Filter pipette tips in rack, 100 µl, High Quality,	ok	96/rack
<b>200 µL Tips</b>					
 	MJJ016	Yellow	Micropipette tips, 2-200 µL		1000/bag
	MJJ040	Natural	Pipette tips in bag, 200 µl, High Quality,		1000/bag
	MJJ042	Natural	Pipette tips in rack, 200 µl, High Quality	ok	96/rack
	MJJ043	Natural	Pipette tips in rack, 200 µl, low retention, High Quality	ok	96/rack
	MJJ044	Natural	Filter pipette tips in rack, 200 µl, High Quality	ok	96/rack
<b>1000 µL Tips</b>					
	MJN015	Blue	Micropipette tips, 100-1000 µL		500/bag
	MJN038	Natural	Pipette tips in bag, 1000 µl, High Quality		1000/bag
	MJN040	Natural	Pipette tips in rack, 1000 µl, High Quality	ok	96/rack
	MJN041	Natural	Pipette tips in rack, 1000 µl, low retention, High Quality	ok	96/rack
	MJN042	Natural	Filter pipette tips in rack, 1000 µl, High Quality	ok	96/rack
<b>5-10 mL Tips</b>					
	MJQ020	Natural	Transparent tip macro 10 mL		100/bag
	MJQ021	Natural	Tip macro 5 mL		100/bag
	MJQ022	Natural	Tip for 5 mL macropipette		100/bag


 MJ - Tips KARTELL

10 $\mu$ L Tips	Code	Colour	Description	Sterile	Pack	
Code - MJB001 MJB006 MJB010  Réf. - MJB004		MJB001	Natural	Gilson tips 0.5-10 $\mu$ l, micro type		1000/bag
		MJB002	Natural	Crystal tips 0,5:10 $\mu$ l, type Eppendorf		1000/bag
		MJB003	Natural	Eppendorf crystal tips in rack		96/rack
		MJB004	Natural	Sterile filter tips rack Eppendorf 0,5:10 $\mu$ l (96t)	ok	96/rack
		MJB005	Natural	Sterile filter tips Gilson type, 0,5:10 $\mu$ l	ok	96/rack
		MJB006	Natural	Tips in rack Gilson 0,1-10 $\mu$ l		96/rack
		MJB007	Natural	Eppendorf tips 0.5-10 $\mu$ l		96/rack
		MJB009	Natural	Eppendorf cristal type 1-10 $\mu$ l		Refill (p/5)
		MJB010	Natural	Gilson type 1-10 $\mu$ l		Refill (p/5)
		20-30 $\mu$ L Tips				
Code - MJD001 MJD004 MJD008		MJD001	Natural	Eppendorf type 2-20 $\mu$ l		1000/bag
		MJD002	Natural	Filter tips Gilson type, 1-30 $\mu$ l	Ok	96/rack
		MJD003	Natural	Sterile filter tips rack Eppend. 2-20 $\mu$ l		96/rack
		MJD004	Natural	Eppendorf type, 2-20 $\mu$ l		96/rack
		MJD008	Natural	Eppendorf type, 2-20 $\mu$ l		Refill (p/5)
1-100 $\mu$ L Tips						
5-200 $\mu$ L Tips						
Code - MJJ004 MJJ011 MJJ013 MJJ007  Code - MJJ006  Code - MJJ002 MJJ015		MJJ001	Natural	Gilson bevelled tips graduated, 2-200 $\mu$ l		1000/bag
		MJJ002	Natural	Fine tips for long test tubes 200 $\mu$ l		1000/bag
		MJJ003	Yellow	Gilson type tips 5-200 $\mu$ l		1000/bag
		MJJ004	Yellow	Universal pipette tips 2-200 $\mu$ l		1000/bag
		MJJ006	Natural	MLA type tips 5-200 $\mu$ l		1000/bag
		MJJ007	Yellow	Tips graduated, 2-200 $\mu$ l		1000/bag
		MJJ008	Yellow	Gilson type tips in rack 2-200 $\mu$ L		96/rack
		MJJ009	Yellow	Universal type tips in rack 2-200 $\mu$ L		96/rack
		MJJ010	Natural	Filter tips, universal 2-200 $\mu$ l	ok	96/rack
		MJJ011	Natural	Universal tips 5-200 $\mu$ l		96/rack
		MJJ012	Natural	Tips Gilson type graduated 2-200 $\mu$ l		96/rack
		MJJ013	Yellow	Universal 5-200 $\mu$ l		Refill (p/5)
		MJJ014	Natural	Gilson type graduated 2-200 $\mu$ l		Refill (p/5)
		MJJ015	Natural	Sterile tips in rack for gel loading 200 $\mu$ l	ok	96/rack
		5-200 $\mu$ L Tips				
Code - MJL002 MJL004 MJL006		MJL001	Natural	Tips Eppendorf type graduated 20-300 $\mu$ l		1000/bag
		MJL002	Natural	Neutral tips 2-300 $\mu$ l		1000/bag
		MJL003	Natural	Sterile filter tips Eppenforf type 20-300 $\mu$ l		96/rack
		MJL004	Natural	Tips in rack Biohit 2-300 $\mu$ l		96/rack
		MJL005	Natural	Tips in rack Eppendorf type graduated, 20-300 $\mu$ l		96/rack
		MJL006	Natural	Biohit original 2-300 $\mu$ l		Refill (p/5)
		MJL007	Natural	Eppendorf type graduated 20-300		Refill (p/5)



## MJ - Tips KARTELL

10 µL Tips	Code	Colour	Description	Sterile	Pack
Code - MJJ004 MJJ011 MJJ013 MJJ007	MJN001	Blue	Gilson original tips 50-1000 µl		1000/bag
	MJN002	Blue	Universal type tips 200-1000 µl		1000/bag
	MJN003	Blue	Universal type tips 100-1000 ul		1000/bag
	MJN004	Natural	Oxford type tips 250-1000 µl		1000/bag
	MJN005	Natural	Beckman type tips 2:1000 µl		1000/bag
Code - MJJ006	MJN006	Natural	Oxford type tips 250:1000 µl		1000/bag
	MJN007	Natural	MLA type tips 200:1000 µl		1000/bag
	MJN008	Blue	Universal tips 100-1000 µl		96/rack
	MJN009	Natural	Filter tips Eppendorf type 50-1000 µl	Ok	96/rack
Code - MJJ006	MJN010	Natural	Filter tips Gilson type 50-1000 µl	Ok	96/rack
	MJN011	Blue	Universales tips 100-1000 µl		96/rack
	MJN012	Blue	Tips Gilson type 50-1000 µl		96/rack
	MJN013	Blue	Universal 100-1000 µl		Refill (p/5)
	MJN014	Blue	Gilson original 50-1000 uL		Refill (p/5)
1-10 mL Tips					
Code - MJQ003 MJQ006	MJQ001	Natural	Finnpipette original tips 1-5 mL		250/bag
	MJQ002	Natural	Original Gilson pipette tips 2-10 mL		100/bag
	MJQ003	Natural	SL tips 1-5 mL		250/bag
	MJQ004	Natural	Gilson, Socorex, Nichiryo type tips 1-5 mL		250/bag
	MJQ005	Blue	Gilson, Socorex, Nichiryo type tips 1-5 mL		50/rack
	MJQ006	Natural	Eppendorf, Biohit type tips 1-5 mL		50/rack
	MJQ008	Natural	Gilson type tips 2-10 mL		25/rack



## MJQ - 2 - 5 -10000 mL

### ▶ Straw tips PP sterile



1 | For Acura 810 dilution pipettes. Supplied sterile in resealable bags.

Code	Material	Vol.	LxØ mm	Pack
MJQ019	PP, sterilized	1.1 mL	190 x 4	40x25 / box

### ▶ Pasteur pipette



1 | For 2 and 5 mL Acura manual/electro and Calibra macropipettes, with their respective adapters

Code	Material	Vol.	LxØ mm	Pack
MJQ015	Glass	2 mL	150 x 7	250/ box
MJQ017	Glass	2 mL	230 x 7	250/ box
MJQ016	Glass with filter	2 mL	150 x 7	250/ box
MJQ018	Glass with filter	2 mL	230 x 7	250/ box



## MJV - Syringes f/repeater pipettes

### ► Dispenser tip

**DIGIPETTE**

1 | Non-sterile, single use. Made of high quality plastic.

Code	Volume	Gamme	Accuracy	Lot
MJV017	5 mL	100-500 $\mu$ L	$\pm$ 0.6 %	10
MJV020	5 mL	100-500 $\mu$ L	$\pm$ 0.6 %	10



### ► Syringe Ecostep™ for pipettes Stepper™ 411

**SOCOREX**  
SWISS

1 | Colour-coding: The Ecostep syringe and selector button are Colour-coded to eliminate any setting errors.

2 | Available in sterile Shapet

Code	Volume	Capacity	Sterilized	Packaging
MJV025	10 - 100 $\mu$ l	0.75 mL	No	100
MJV028	10 - 100 $\mu$ l	0.75 mL	Yes	50
MJV026	50 - 500 $\mu$ l	3.75 mL	No	100
MJV027	50 - 500 $\mu$ l	3.75 mL	Yes	50
MJV029	500 - 5000 $\mu$ l	37.5 mL	No	100
MJV030	500 - 5000 $\mu$ l	37.5 mL	Yes	50

Values obtained with double-distilled water at a constant temperature ( $\pm$  0.5°C) between 20 and 25°C according to ISO 8655.

Code	Description	Colour
MJV031	Replacement adapter Ecostep syringe, c/5	Red



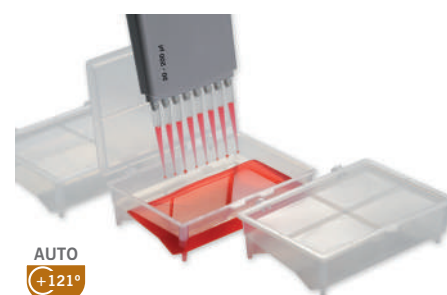
## MJX - Containers for reagents

### ► Reservoir PP V-shaped

**SOCOREX**  
SWISS

- 1 | Specially adapted for single and multichannel pipetting.
- 2 | The V-shaped bottom allows the aspiration of even the last drops of reagent.
- 3 | Made of polypropylene, autoclavable, reusable.

Code	Pack	Volume	Cover
MJX001	20 units	70 mL	No
MJX002	20 units	125 mL	With hinge



### ► 8 and 12 channels

**SOCOREX**  
SWISS

- 1 | 8 and 12 channel containers, 48 mL capacity
- 2 | The ideal solution for numerous applications.
- 3 | Made of polystyrene, available sterilized, individually wrapped

Code	Pack	Channels	Sterilized
MJX003	30 units	8 channels	No
MJX004	30 units	8 channels	Yes
MJX005	30 units	12 channels	No
MJX006	30 units	12 channels	Yes





## MJX - Containers for reagents

### ▶ Disposable reservoir for reagents



AUTO  
+121°

1 | Manufactured in PP, non-sterile. Suitable for use with multichannel pipettors.

Code	Pack	Sterile	Volume
MJX007	20 units	No	50 mL
MJX008	200 units	Yes*	50 mL

\* sterilized by OE, individually bagged.

## MMB - Classic

### ▶ Luer Nozzle Syringes



AUTO  
+121°

- 1 | Made of neutral glass.
- 2 | Steam sterilizable by autoclave. It is recommended to do so at 134°C for 10 minutes, separating the piston from the cylinder.
- 3 | Plunger nozzle marked with amber ring.
- 4 | Not suitable for medical use.

Code	Volume
<b>Metal Luer Lock Nozzle</b>	
MMB002	1 mL
MMB003	2 mL
MMB004	3 mL
MMB005	5 mL
MMB006	10 mL
MMB007	20 mL
MMB008	30 mL
MMB009	50 mL
MMB010	100 mL

<b>Metal Luer nozzle</b>	
MMB011	1 mL
MMB032	2 mL
MMB033	3 mL
MMB034	5 mL
MMB013	10 mL
MMB012	20 mL
MMB014	30 mL
MMB035	50 mL

<b>Glass Luer Nozzle</b>	
MMB043	1 mL
MMB044	2 mL
MMB045	3 mL
MMB046	5 mL
MMB049	30 mL
MMB050	50 mL



## MMB - Classic

### Syringe Dosys glass 155



- 1 | Precision finish of the piston and cylinder. Excellent fit and liquid tightness.
- 2 | Highly visible graduations permanently. Made of borosilicate glass.

Code	Volume	Division	Packaging
<b>Glass Luer tip</b>			
MMB015	0.1-1 mL	0.05 mL	3 / box
MMB016	0.2-5 mL	0.2 mL	3 / box
MMB017	1-10 mL	0.2 mL	3 / box
MMB018	10-100 mL	10 mL	1 / box
MMB019	1-20 mL	1 mL	2 / box
MMB020	1-30 mL	2 mL	2 / box
<b>Metal Luer Lock Tip</b>			
MMB021	0.1-1 mL	0.05 mL	3 / box
MMB023	0.2-5 mL	0.2 mL	3 / box
MMB024	1-10 mL	0.2 mL	3 / box
MMB025	10-100 mL	10 mL	1 / box
MMB027	1-20 mL	1 mL	2 / box
MMB030	1-30 mL	2 mL	2 / box
MMB022	0.5-2 mL	0.1 mL	3 / box
MMB026	10-150 mL	10 mL	1 / box
MMB028	10-200 mL	10 mL	1 / box
MMB029	10-250 mL	10 mL	1 / box
MMB031	1-50 mL	2 mL	1 / box



AUTO  
+121°

## MMD - Self-refilling

### Syringe Dosys basic 162/172



- 1 | Automatic filling through needle or cannula. Supplied without a valve system. Luer Lock nozzle. The box includes the syringe, a protective PVC cover and instructions for use.

Code	Volume	Division
<b>Dosys 162 (two-ring handle)</b>		
MMD001	0.1-1 mL	0.05 mL
MMD002	0.3-2 mL	0.1 mL
MMD003	0.5-5 mL	0.5 mL
<b>Dosys 172 (pistol grip handle)</b>		
MMD014	0.1-1 mL	0.05 mL
MMD015	0.3-2 mL	0.1 mL
MMD016	0.5-5 mL	0.5 mL
MMD017	1-10 mL	1.0 mL



AUTO  
+121°

### Syringe Dosys premium 164/174



- 1 | Automatic self-filling. Removable valve system. Greater resistance to corrosion. Luer Lock nozzle.
- 2 | The box includes the syringe, a 1 metre silicone feeding tube, a plummet, a PVC protective sleeve, suction, ventilation and dosing cannulas, a set of spare parts for the valve and instructions for use.

Code	Volume	Division
<b>Dosys 164 (two-ring handle)</b>		
MMD010	0.1 - 1 mL	0.05 mL
MMD011	0.3 - 2 mL	0.1 mL
MMD012	0.5 - 5 mL	0.5 mL
MMD013	1 - 10 mL	1.0 mL
<b>Dosys 174 (pistol grip handle)</b>		
MMD025	0.1 - 1 mL	0.05 mL
MMD026	0.3 - 2 mL	0.1 mL
MMD027	0.5 - 5 mL	0.5 mL
MMD028	1 - 10 mL	1.0 mL



AUTO  
+121°



## ▶ MMD - Self-refilling

### ▶ Syringe Dosys classic 163/173



1 | Automatic self-filling. Integrated valve system. Luer Lock nozzle.  
The box includes the syringe, a 1 metre silicone feeding tube, a plummet, a PVC protective cover, suction and ventilation cannulas, a set of spare parts for the valve and instructions for use.



Code	Volume	Division
<b>Dosys 163 (two-ring handle)</b>		
MMD006	0.025-0.3 mL	0.025 mL
MMD007	0.1-0.5 mL	0.1 mL
MMD004	0.1-1 mL	0.05 mL
MMD005	0.3-2 mL	0.1 mL
MMD008	0.5-5 mL	0.5 mL
MMD009	1-10 mL	1 mL
<b>Dosys 173 (pistol grip handle)</b>		
MMD021	0.025-0.3 mL	0.025 mL
MMD018	0.1-0.5 mL	0.1 mL
MMD019	0.1-1 mL	0.05 mL
MMD020	0.3-2 mL	0.1 mL
MMD022	0.5-5 mL	0.5 mL
MMD023	1-10 mL	1 mL
MMD024	5-20 mL	1 mL

### Accessories Dosys



#### Grounded glass barrel

Code	Description
MMJ004	Grounded glass barrel, syringe 5mL, c/6
MMJ005	Glass barrel, syringes 10 mL, c/6



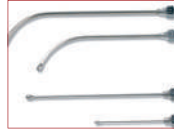
#### Lubricant

Code	Description
MMJ015	Lubricant ABF for metal plunger, spray 70 mL



#### Supports and cannula

Code	Description
MMJ006	Work station for syringe Dosys 5 mL
MMJ007	Luer Lock Cannula, dim. 1,2x50 mm
MMJ008	Luer Lock Cannula, dim. 2,2x100 mm
MMJ009	Luer Lock Cannula, dim. 2,2x150 mm



#### Drencher

Code	Description
MMJ010	Straight stainless steel nozzle for animal feeding 3.0 x 203 mm, p/2



#### Spare kit for valve

Code	Description
MMJ001	For syringe of 0.3 mL
MMJ002	For syringe of 10 mL
MMJ011	For syringe of 5 mL



#### Bottle

Code	Description
MMJ012	PP bottle 60 mL
MMJ013	PP bottle 125 mL
MMJ014	PP bottle 250 mL



#### Enhanced plunger tightness set

Code	Description
MMJ003	For 5 mL syringes



#### Stainless Steel Luer Lock needle (for Dosys)

Code	(Ø x L) mm	Pack
MMG001	0.7 x 13 mm	12 / box
MMG003	0.7 x 10 mm	12 / box
MMG004	0.7 x 4 mm	12 / box
MMG005	0.7 x 6 mm	12 / box
MMG006	0.8 x 4 mm	12 / box
MMG007	0.8 x 6 mm	12 / box
MMG008	0.8 x 10 mm	12 / box
MMG009	0.8 x 20 mm	12 / box
MMG010	0.8 x 40 mm	12 / box
MMG011	0.8 x 25 mm	12 / box
MMG012	0.9 x 10 mm	12 / box
MMG013	0.9 x 13 mm	12 / box
MMG014	1.0 x 25 mm	12 / box
MMG015	1.0 x 30 mm	12 / box
MMG016	1.0 x 10 mm	12 / box



## MPD - Peristaltic pumps, accessories

### BW Series Peristaltic Pump



- 1 | Compact mini pump, widely used in laboratories to pump small volumes safely and with high precision, thanks to its stepper motor.
- 2 | Painted metal housing. "Full Speed" function for fast filling or emptying of the tube. Flow calibration function. External control via foot switch (start/stop); RS485 interface.

<b>Code</b>	MPD001
<b>Pump head</b>	4 rollers
<b>Max. speed</b>	100 rpm
<b>Speed resolution</b>	0,1 rpm
<b>Max. flow rate</b>	24,42 ml/min
<b>Motor type</b>	DC stepper motor
<b>Ambient working temperature</b>	0 - 40°C
<b>Power supply</b>	100-240VAC, 50/60Hz (adapter AC/DC)
<b>Power consumption</b>	< 22W
<b>Dimensions (LxWxH)</b>	150x128x110 mm
<b>Net weight</b>	1 kg



### BT Series Peristaltic Pump



- 1 | Compatible with various models of pump heads (not included).
- 2 | Easy to operate; control panel with membrane keypad. 4-digit LED display; speed (rpm) and flow rate (ml/min) indication.
- 3 | "Full Speed" function for fast filling or emptying of the tube. Flow calibration function. External control via foot switch (start/stop); RS485 interface.

<b>Code</b>	MPD002
<b>Rango Max. speed</b>	100 rpm
<b>Speed resolution</b>	0,1 rpm
<b>Max flow rate</b>	480 ml/min
<b>Flow rate error</b>	< 0,5%
<b>Suction angle</b>	10°-720°
<b>Suction speed</b>	10-100 rpm
<b>Power supply</b>	220VAC, 50/60Hz
<b>Power consumption</b>	< 22W
<b>Protection class</b>	IP31
<b>Dimensions (LxWxH)</b>	290x135x225 mm
<b>Net weight</b>	4,9 kg



Model	Code	Max. speed	Tubes type ( inner diameter × wall thickness, mm)								
			#13	#14	#19	#16	#25	#15	#17	#24	#18
			0,8×1,6	1,6×1,6	2,4×1,6	3,1×1,6	4,8×1,6	4,8×2,4	6,4×1,6	6,4×2,4	7,9×1,6
YZ1515x	MPD004	300 rpm	21 mL/min	81 mL/min	153 mL/min	246 mL/min	510 mL/min	-	870 mL/min	-	1140 mL/min
TX315	MPD006	300 rpm	21 mL/min	72 mL/min	156 mL/min	288 mL/min	624 mL/min	-	1020 mL/min	-	1140 mL/min
YZ2515x	MPD005	300 rpm	-	-	-	-	-	510 mL/min	-	870 mL/min	-
TX325	MPD007	300 rpm	-	-	-	-	-	600 mL/min	-	980 mL/min	-

\*Heads not included with the equipment



▶ MPD - Peristaltic pumps, accessories

▶ CT Series Peristaltic Pump



- 1 | Compatible with various models of pump heads (not included).
- 2 | Easy to operate; control panel with membrane keypad. 4-digit LED display; speed (rpm) and flow rate (ml/min) indication.
- 3 | "Full Speed" function for fast filling or emptying of the tube. Flow calibration function. External control via foot switch (start/stop); RS485 interface.

<b>Code</b>	MPD003
<b>Max. speed</b>	600 rpm
<b>Speed resolution</b>	0,1 rpm
<b>Max flow rate</b>	2280 ml/min
<b>Suction angle</b>	10°-720°
<b>Suction speed</b>	10-300 rpm
<b>Motor type</b>	Stepper motor
<b>Power supply</b>	220VAC, 50/60Hz
<b>Power</b>	< 50W
<b>Protection class</b>	IP31
<b>Dimensions (LxWxH)</b>	290x200x255 mm
<b>Net weight</b>	5,25 kg

Model	Code	Max. speed	Tubes type ( inner diameter × wall thickness, mm)								
			#13 0,8×1,6	#14 1,6×1,6	#19 2,4×1,6	#16 3,1×1,6	#25 4,8×1,6	#15 4,8×2,4	#17 6,4×1,6	#24 6,4×2,4	#18 7,9×1,6
YZ1515x	MPD004	600 rpm	42 mL/min	162 mL/min	306 mL/min	492 mL/min	1020 mL/min	-	1740 mL/min	-	2280 mL/min
TX315	MPD006	400 rpm	28 mL/min	106 mL/min	227 mL/min	399 mL/min	830 mL/min	-	1400 mL/min	-	1930 mL/min
YZ2515x	MPD005	600 rpm	-	-	-	-	-	1020 mL/min	-	1740 mL/min	-
TX325	MPD007	400 rpm	-	-	-	-	-	760 mL/min	-	1230 mL/min	-

\*Heads not included with the equipment

▶ MPG - For liquid transfer

▶ Peristaltic Pump BW Series



- 1 | Small and compact to fit in the laminar flow cabinet, on the benchtop or even beneath the bench.
- 2 | Easy to switch between manual aspiration and continuous aspiration mode, reducing RSI (Repetitive Strain Injury) and improving efficiency.
- 3 | Collection bottle outlet with hydrophobic filter prevents aerosol and liquid contamination.
- 4 | Brushless motor offers low noise and long life.
- 5 | Different adapters are included to fit a multitude of laboratory supplies.
- 6 | The parts in contact with liquid can be autoclaved. Adjustable vacuum level with indicator light is designed for various applications.

<b>Code</b>	MPG002
<b>Vacuum range</b>	0-500 mbar
<b>Max. flow rate</b>	15 L/min (air)
<b>Max. aspiration speed</b>	17 mL/s (liquid)
<b>Bottle volume</b>	2 L
<b>Motor type</b>	Brushless motor
<b>Power supply</b>	100-240 VAC, 50/60 Hz (AC/DC adapter)
<b>Dimensions (LxWxH)</b>	260x210x360 mm
<b>Weight</b>	2.1 kg



▶ NEW PRODUCTS



▶ Electronic pipette controller, FlowAssist

DIGIPETTE

- 1 | PTFE hydrophobic filter (0.2  $\mu\text{m}$ ) that prevents aerosol contamination and accidental liquid ingress.
- 2 | Compatible with glass and plastic serological pipettes from 1 to 100 ml; provides a secure and firm grip.
- 3 | 1-inch touch OLED screen: High-visibility monochrome display, resistance to impacts, scratches, and chemicals.
- 4 | The adapter assembly and membrane filter can be sterilized at 121°C and 15 psi for 10-15 minutes.



Code	Description
MBD006	Electronic pipette controller, FlowAssist

▶ Bottle top dispenser Accudose Basic

DIGIPETTE

- 1 | Without recirculation valve

Code	Volume (mL)	Increments (mL)	Inaccuracy		Imprecision	
			$\pm$ %	$\pm$ mL	$\pm$ %	$\pm$ mL
MDD068	0.25-2.5	0.05	0.5	0.015	0.2	0.005
MDD069	0.5-5	0.1	0.5	0.030	0.2	0.010
MDD070	1-10	0.2	0.5	0.060	0.1	0.01
MDD071	2.5-30	0.5	0.5	0.180	0.1	0.03
MDD072	5-60	1.0	0.5	0.360	0.1	0.06
MDD073	10-100	2.0	0.5	0.600	0.1	0.1



▶ Bottle top dispenser AccuDose Prime

DIGIPETTE

- 1 | It uses an innovative technology that ensures smooth and jam-free functioning, and recirculation valve for preventing loss of reagent during purging.

Code	Volume (mL)	Increments (mL)	Inaccuracy		Imprecision	
			$\pm$ %	$\pm$ mL	$\pm$ %	$\pm$ mL
MDD074	0.25-2.5	0.05	0.5	0.0125	0.2	0.005
MDD075	0.5-5	0.1	0.5	0.025	0.2	0.001
MDD076	1-10	0.2	0.5	0.05	0.1	0.001
MDD077	2.5-30	0.5	0.5	0.15	0.1	0.03
MDD078	5-60	1.0	0.5	0.3	0.1	0.06
MDD079	10-100	2.0	0.5	0.5	0.1	0.1

YouTube





▶ NEW PRODUCTS



▶ Bottle top dispenser Accudose HF

DIGIPETTE



1 | With recirculation valve and high chemical compatibility, including resistance to hydrofluoric acid (HF) and other aggressive reagents. For hydrofluoric acid.

Code	Volume (mL)	Increments (mL)	Inaccuracy		Imprecision	
			± %	± mL	± %	± mL
MDD080	0.25-2.5	0.05	0.5	0.0125	0.2	0.005
MDD081	0.5-5	0.1	0.5	0.025	0.2	0.001
MDD082	1-10	0.2	0.5	0.05	0.1	0.001
MDD083	2.5-30	0.5	0.5	0.15	0.1	0.03
MDD084	5-60	1.0	0.5	0.3	0.1	0.06

▶ Dispensador Accudose Dual

DIGIPETTE



1 | With recirculation valve. Offers 4 liquid handling modes - rinsing, dilution, refilling, and purging - without dismounting the unit.

▶ YouTube



Code	Volume (mL)	Increments (mL)	Inaccuracy		Imprecision	
			± %	± mL	± %	± mL
MDD085	0.25-2.5	0.05	0.5	0.0125	0.2	0.005
MDD086	0.5-5	0.1	0.5	0.025	0.2	0.01
MDD087	1-10	0.2	0.5	0.05	0.1	0.01
MDD088	2.5-30	0.5	0.5	0.15	0.1	0.03
MDD089	5-60	1.0	0.5	0.3	0.1	0.06

▶ Electronic burette

DIGIPETTE



- 1 | Unique design ensures comfortable and intuitive use, optimising ergonomics during operation.
- 2 | Allows automatic dispensing of the last stored volume.
- 3 | The piston is controlled by a motor that ensures precise and uniform movements.
- 4 | Offers flexibility for simple, precise dispensing adapted to different types of liquids.

<b>Code</b>	MDG004	MDG005
<b>Model</b>	DIGIPETTE TouchDrop	DIGIPETTE SmartFlow
<b>Type</b>	Electronic burette	Electronic dispenser+burette
<b>Cylinder volume</b>	50 mL	
<b>Volume accuracy</b>	A: 0.05%, CV: 0.05%	
<b>Operating temperature</b>	+10 °C a +40 °C (50 °F to 104 °F)	
<b>Power supply</b>	18 V, 3 A	
<b>Battery</b>	Lithium-ion battery 14.4V	
<b>Display</b>	4" TFT display	
<b>PC interface</b>	Mini USB cable	
<b>Languages</b>	English, Spanish, German	



## NEW PRODUCTS



► Micropipetas autoclavables, UltraLite<sup>VR</sup>

**DIGIPETTE**

- 1 | Housing made of polycarbonate.
- 2 | Autoclavable: Can be autoclaved at 121°C and 15 psi for 15-20 minutes.
- 3 | Fast and accurate calibration: Allows direct and efficient calibration in the lab, without requiring repetitive adjustments or complex procedures

Code	Volume	Increments ( $\mu\text{L}$ )	Inaccuracy		Imprecision	
			$\pm \%$	$\pm \mu\text{L}$	$\pm \%$	$\pm \mu\text{L}$
MGB101	0.2-2 $\mu\text{L}$	0.004	2.0	0.04	1.2	0.024
MGB102	0.5-10 $\mu\text{L}$	0.01	1.0	0.10	0.5	0.05
MGB103	2-20 $\mu\text{L}$	0.02	0.8	0.16	0.4	0.08
MGB104	5-50 $\mu\text{L}$	0.04	0.8	0.40	0.4	0.20
MGB105	10-100 $\mu\text{L}$	0.1	0.6	0.60	0.2	0.20
MGB106	20-200 $\mu\text{L}$	0.2	0.6	1.20	0.2	0.40
MGB107	100-1000 $\mu\text{L}$	1.0	0.6	6.00	0.2	2.00
MGB108	0.5-5 mL	4.0	0.6	30.0	0.2	10.0
MGB109	1-10 mL	10.0	0.6	60.0	0.2	20.0

YouTube



► Micropipetas autoclavables, UltraLite Kit<sup>V</sup>

**DIGIPETTE**

- 1 | Each part number combines 3 or 4 variable volume micropipettes, together with model-specific compatible tip boxes and a 6-position holder.

Code	Number of pipettes	Volume
MGB110	3	2-20 $\mu\text{L}$ / 20-200 $\mu\text{L}$ / 100-1000 $\mu\text{L}$
MGB111	4	0.2-2 $\mu\text{L}$ / 0.5-10 $\mu\text{L}$ / 5-50 $\mu\text{L}$ / 10-100 $\mu\text{L}$
MGB112	3	0,5-10 $\mu\text{L}$ / 10-100 $\mu\text{L}$ / 100-1000 $\mu\text{L}$

YouTube



► Fixed volume micropipette, UltraLite<sup>FX</sup>

**DIGIPETTE**

Code	Volume ( $\mu\text{L}$ )	Inaccuracy		Imprecision	
		$\pm \%$	$\pm \mu\text{L}$	$\pm \%$	$\pm \mu\text{L}$
MGD102	5	2.0	0.10	1.0	0.05
MGD103	10	1.0	0.10	0.5	0.05
MGD104	20	0.8	0.16	0.4	0.08
MGD105	50	0.8	0.40	0.4	0.20
MGD106	100	0.6	0.60	0.2	0.20
MGD107	200	0.6	1.20	0.2	0.40
MGD108	500	0.6	3.00	0.2	1.00
MGD109	1000	0.6	6.00	0.2	2.00
MGD110	2000	0.6	12.0	0.2	4.00

YouTube





▶ NEW PRODUCTS



▶ Micropipette UltraLite Mini

**DIGIPETTE**



- 1 | Ergonomic and intuitive design, Length 130 mm
- 2 | Integrated tip ejector
- 3 | It can be sterilized in an autoclave.

Code	Volume (μL)	Inaccuracy		Imprecision	
		± %	± μL	± %	± μL
MGD111	5	2.5	0.125	1.5	0.075
MGD112	10	1.2	0.12	0.8	0.08
MGD113	20	1.0	0.2	0.5	0.1
MGD114	25	1.0	0.25	0.4	0.1
MGD115	50	1.0	0.5	0.4	0.2
MGD116	100	0.8	0.8	0.3	0.3
MGD117	200	0.8	1.6	0.3	0.6

▶ Micropipettes UltraLite M<sup>8</sup> and M<sup>12</sup>

**DIGIPETTE**



Code	Volumen (μL)	Increments (μL)	Inaccuracy		Imprecision	
			± %	± μL	± %	± μL
<b>8 channels</b>						
MGG040	0.5-10	0.01	1.6	0.16	1.0	0.01
MGG041	2-20	0.02	0.8	0.16	0.40	0.08
MGG042	5-50	0.04	0.8	0.40	0.40	0.20
MGG043	10-100	0.20	0.8	0.80	0.30	0.30
MGG044	20-200	0.20	0.8	1.60	0.30	0.60
MGG045	40-300	0.40	0.8	2.40	0.30	0.90
<b>12 channels</b>						
MGG046	0.5-10	0.01	1.6	0.16	1.0	0.01
MGG047	2-20	0.02	0.8	0.16	0.40	0.08
MGG048	5-50	0.04	0.8	0.40	0.40	0.20
MGG049	10-100	0.20	0.8	0.80	0.30	0.30
MGG050	20-200	0.20	0.8	1.60	0.30	0.60
MGG051	40-300	0.40	0.8	2.40	0.30	0.90



## NEW PRODUCTS



## ▶ Electronic micropipette, Electro

DIGIPETTE

- 1 | External rechargeable and detachable battery.
- 2 | Speed selection with three levels:
- 3 | Large, durable LCD display.
- 4 | 12 customizable pipetting modes.
- 5 | Internal memory to store up to 6 custom programs.
- 6 | Ergonomic design to reduce fatigue and facilitate handling.

Code	Volume ( $\mu$ l)	Increments ( $\mu$ l)	Volume ( $\mu$ l)	Inaccuracy		Imprecision	
				$\pm$ %	$\pm$ $\mu$ l	$\pm$ %	$\pm$ $\mu$ l
MGM043	0.2-10	0.05	10	1.0	0.1	0.40	0.04
MGM044	0.5-20	0.1	20	1.0	0.2	0.30	0.06
MGM045	2-100	0.5	100	0.6	0.6	0.15	0.15
MGM046	5-200	0.5	200	0.75	1.5	0.20	0.40
MGM047	10-300	1.0	300	0.4	1.2	0.15	0.45
MGM048	10-500	2.0	500	0.4	2.0	0.16	0.80
MGM049	50-1000	1.0	1000	0.4	4.0	0.15	1.50
MGM050	0.1-5 mL	10	5000	0.6	30.0	0.20	10.0
MGM051	1-10 mL	100	10000	0.6	60.0	0.16	16.0





► Compatibility of pipettes with Digipette tips

**DIGIPETTE**

VOL (µL)	Ultralite VR	10 L					20 L			100 L		200 L				1000 L					
		MJB032	MJB033	MJB034	MJB035	MJB036	MJB011	MJD010	MJD011	MJD012	MJG005	MJG006	MJJ040	MJJ041	MJJ043	MJJ044	MJN038	MJN040	MJN041	MJN042	MJN015
0,2-2	MGB101																				
0,5-10	MGB102																				
2,0-20	MGB103																				
5,0-50	MGB104																				
10-100	MGB105																				
20-200	MGB106																				
100-1000	MGB107																				
0,5-5 mL	MGB108*																				
<b>VOL (µL)</b>	<b>Ultralite VR</b>																				
5	MGD102																				
10	MGD103																				
20	MGD104																				
50	MGD105																				
100	MGD106																				
200	MGD107																				
500	MGD108																				
1000	MGD109																				
2000	MGD110*																				
<b>VOL (µL)</b>	<b>Ultralite Mini</b>																				
5	MGD111																				
10	MGD112																				
20	MGD113																				
25	MGD114																				
50	MGD115																				
100	MGD116																				
200	MGD117																				
<b>VOL</b>	<b>Ultralite M8</b>																				
0,5-10	MGG040																				
2,0-20	MGG041																				
5,0-50	MGG042																				
10-100	MGG043																				
20-200	MGG044																				
40-300	MGG045*																				
<b>VOL</b>	<b>Ultralite M12</b>																				
0,5-10	MGG046																				
2,0-20	MGG047																				
5,0-50	MGG048																				
10-100	MGG049																				
20-200	MGG050																				
40-300	MGG051*																				

\*MGD110: Compatible with MJQ004 from Kartell  
 \*MGG045: Compatible with MJL010 and MJL011 from Socorex

\*MGG051: Compatible with MJL010 and MJL011 from Socorex  
 \*MGB108: Compatible with MJQ004 from Kartell