

# Electronic micropipettes

## The Acura® *electro* 926XS, 936, 956

- The micro-, macro-, multichannel, electronic pipette models
- Premium pipette tips
- Reagent Reservoirs
- Pasteurs, straws and filters



# Electronic micropipettes

## The Acura® *electro* models

**Micropipette line making electronic pipetting simpler and safer than ever. The microprocessor-controlled instrument includes intuitive software avoiding any complicated programming steps. No particular skills are required to get quick access to six working modes and many volumes to select from.**

**Two-year warranty.**

- Optimal ergonomics, light weight
- Easy, intuitive self-teaching programme
- Large display, reversible for right or left reading
- Swift-interchange battery pack
- Fast charge, long working autonomy
- Justip™ adjustable tip ejector fitting most tips
- Pipetting cycle counter
- 27 interchangeable volumetric modules all fitting same control unit



## Great built-in

Surf through mode selection by pressing a single button.



### Natural ergonomics

The Acura® *electro* offers shape, balance and working ergonomics resembling those of a manual instrument. But comfort is so greatly improved that pipetting and result consistency are just outstanding.

### Unique “right or left” display reading

Display converts instantly to right or left side reading. All information clearly presented and visible at a glance during programming, pipetting and calibration steps.



### Variable working speed

Located on the front side, speed selector allows swift change even during the pipetting process.

In addition, slow speed access at any time by gentle touch of start button.

### Pipetting cycle counter

A simple double click gives access to the number of pipetting cycles performed since last zeroing.



### Tip ejection - easier than ever

Maximal efficiency obtained with a large surface, ergonomically located ejector button. The shaft height adjustment system called Justip™ (4 mm span) - controlled by efficient click-stops - allows a wide selection of tips to tightly fit the nozzle. The multichannel bowed shape ejector head permits effortless, sequential tip ejection.

## working flexibility

### Forward mode

Aspiration and pipetting of set volume.  
Suitable for all applications.

### Reverse mode

Aspiration in excess, followed by dosing of set volume. Enhances reproducibility below 20  $\mu\text{L}$ . Especially recommended for viscous and foaming liquids.

### Stepper mode

Tip filling and step-by-step distribution.  
Best suited to aliquot samples.

### Dilution mode

Aspiration of 2 or 3 different volumes for restitution in one shot. An easy way to dilute samples.

### Tactile mode

"Start and stop" liquid measurement and dispensing, used amongst others for titration and gel loading by simple touch of activation button.

### Mixing

"Up and down" liquid flow in the tip / vial.



### Interchangeable volumetric modules

One control unit fits a choice of 27 volumetric assemblies available separately. This greatly extends working possibilities and makes electronic pipetting affordable to all budgets. Disassembling and re-assembling without any tool contributes towards maximal flexibility. Calibration specificities of extra modules - as set by factory QC or by pipette owner - are retained in instrument memory.



### Pipette charging stand

Stand allows charging and storing up to three electronic pipettes or battery packs simultaneously. Each position is fitted with a red/green charging LED. One stand supplied with every initial package.

### Battery charging rack

Space saving stand holds up to three battery packs simultaneously. The ideal charging and storage accessory for spare batteries, available at any time.



### Calibration

Performance check and new calibration possible over two or three independent volumes ( $V_{\text{min}}$ ,  $V_{\text{mid}}$  and  $V_{\text{max}}$ ). New settings entered directly from the keyboard. Error message warns of any inaccurate plunger movement.



### Long working autonomy

NiMH battery pack exchangeable instantly. Fast battery charging (< 1.5 hours) and extended working autonomy (> 3000 consecutive pipetting cycles). Battery charge level clearly visible on display. Automatic energy saving stand-by when unused.



# Electronic micro, macro and multichannel pipettes

## Acura® *electro* 926XS micropipettes

- Reduced shaft length and conical end improve driveability
- Easy access to microtubes and microplates
- Optional longer volumetric modules
- Simple conversion by user at any time
- Unsurpassed metrological performance and stability

## Acura® *electro* 936 macropipettes

- Interchangeable nozzle protection filter
- Adapters for Pasteur pipette
- Outstanding accuracy and precision

## Acura® *electro* 956 multichannel

- Large selection of 8- and 12-channel models
- Light weight and perfect hand fitting
- Sequential tip ejection
- Also fit any single channel volumetric module



**926XS**  
micro

- 0.1 - 2 µL
- 0.5 - 10 µL
- 1 - 20 µL
- 2.5 - 50 µL
- 5 - 100 µL
- 10 - 200 µL
- 50 - 1000 µL

**936**  
macro

- 0.1 - 2 mL
- 0.25 - 5 mL
- 0.5 - 10 mL

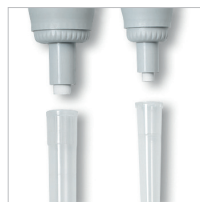
**956**  
multi

- 0.5 - 10 µL
- 2.5 - 50 µL
- 10 - 200 µL
- 20 - 350 µL



### Initial package

Recommended when purchasing an Acura® *electro* for the first time, each initial package contains one electronic pipette, QC certificate and operating instructions, charging stand, power supply, additional battery pack, Qualitix® pipette tips samples. Thereafter, additional pipettes can be purchased alone and charged on existing stand.



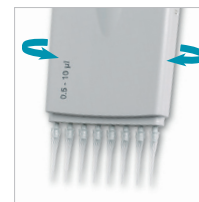
### Nozzle protection filter

Macro models accommodate a filter protecting instrument against liquid overflow and contamination. Located in the nozzle, it can be removed and changed easily.



### Pasteur pipette adapter

Optional accessory fits 2 mL glass Pasteur pipettes instead of polypropylene macrotips.



### Optimal working position

360° rotation of multichannel volumetric modules allows selection of the best working position.



### Time efficient maintenance

Pipette construction limits maintenance to a minimum - no tool required to remove volumetric module. The pipetting cycle counter facilitates maintenance monitoring.



Whenever sterilization is needed, volumetric modules can be autoclaved at 121°C / 250°F.

# Electronic micropipettes and accessories

## Performance and ordering information - Instruments

Initial package includes pipette, charging stand and accessories. Pipettes alone only supplied with individual QC certificate, Qualitix® pipette tips samples and operating instructions.

Volume	Division	Inaccuracy (E%)			Imprecision (CV%)			Tip style	Cat. No. Initial package*	Cat. No. Pipette alone
		Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.			
<b>Micropipettes Acura® <i>electro</i> 926XS</b>										
0.1 - 2 µL	0.01 µL	<± 2.5 % <sup>1</sup>	<± 1.2 %	<± 0.9 %	< 2.5 % <sup>2</sup>	< 1.5 %	< 0.8 %	Ultra 10 µL	926.0002E	926.0002
0.5 - 10 µL	0.05 µL	<± 1.2 % <sup>2</sup>	<± 0.8 %	<± 0.6 %	< 1.5 % <sup>2</sup>	< 0.7 %	< 0.35 %	Ultra 10 µL	926.0010E	926.0010
0.5 - 10 µL	0.05 µL	<± 1.2 % <sup>2</sup>	<± 0.8 %	<± 0.6 %	< 1.7 % <sup>2</sup>	< 0.8 %	< 0.4 %	200 µL	926.0010YE	926.0010Y
1 - 20 µL	0.1 µL	<± 1.2 % <sup>2</sup>	<± 0.6 %	<± 0.5 %	< 1.2 % <sup>2</sup>	< 0.4 %	< 0.3 %	200 µL	926.0020E	926.0020
2.5 - 50 µL	0.25 µL	<± 1.0 % <sup>2</sup>	<± 0.6 %	<± 0.5 %	< 0.7 % <sup>2</sup>	< 0.3 %	< 0.25 %	200 µL	926.0050E	926.0050
5 - 100 µL	0.5 µL	<± 1.0 % <sup>2</sup>	<± 0.6 %	<± 0.5 %	< 0.7 % <sup>2</sup>	< 0.3 %	< 0.2 %	200 µL	926.0100E	926.0100
10 - 200 µL	1.0 µL	<± 1.0 % <sup>2</sup>	<± 0.6 %	<± 0.4 %	< 0.6 % <sup>2</sup>	< 0.2 %	< 0.15 %	200 µL	926.0200E	926.0200
50 - 1000 µL	5.0 µL	<± 0.8 % <sup>2</sup>	<± 0.5 %	<± 0.4 %	< 0.4 % <sup>2</sup>	< 0.15 %	< 0.1 %	1000 µL	926.1000E	926.1000
<b>Macropipettes Acura® <i>electro</i> 936</b>										
0.1 - 2 mL	0.01 mL	<± 1.5 % <sup>2</sup>	<± 1.0 %	<± 0.5 %	< 0.6 % <sup>2</sup>	< 0.3 %	< 0.15 %	2 mL	936.02E	936.02
0.25 - 5 mL	0.05 mL	<± 1.2 % <sup>2</sup>	<± 0.8 %	<± 0.5 %	< 0.6 % <sup>2</sup>	< 0.3 %	< 0.15 %	5 mL	936.05E	936.05
0.5 - 10 mL	0.05 mL	<± 1.0 % <sup>2</sup>	<± 0.7 %	<± 0.5 %	< 0.5 % <sup>2</sup>	< 0.2 %	< 0.15 %	10 mL	936.10E	936.10
<b>8-channel pipettes Acura® <i>electro</i> 956</b>										
0.5 - 10 µL	0.05 µL	<± 3.5 % <sup>2</sup>	<± 1.5 %	<± 1.0 %	< 3.0 % <sup>2</sup>	< 0.9 %	< 0.7 %	Ultra 10 µL	956.08.010E	956.08.010
2.5 - 50 µL	0.25 µL	<± 1.0 % <sup>2</sup>	<± 0.9 %	<± 0.8 %	< 1.0 % <sup>2</sup>	< 0.6 %	< 0.4 %	200 µL	956.08.050E	956.08.050
10 - 200 µL	1.0 µL	<± 0.9 % <sup>2</sup>	<± 0.7 %	<± 0.6 %	< 0.6 % <sup>2</sup>	< 0.4 %	< 0.25 %	200 µL	956.08.200E	956.08.200
20 - 350 µL	5.0 µL	<± 1.0 % <sup>2</sup>	<± 0.8 %	<± 0.6 %	< 0.6 % <sup>2</sup>	< 0.4 %	< 0.25 %	350 µL	956.08.350E	956.08.350
<b>12-channel pipettes Acura® <i>electro</i> 956</b>										
0.5 - 10 µL	0.05 µL	<± 3.5 % <sup>2</sup>	<± 1.5 %	<± 1.0 %	< 3.0 % <sup>2</sup>	< 0.9 %	< 0.7 %	Ultra 10 µL	956.12.010E	956.12.010
2.5 - 50 µL	0.25 µL	<± 1.0 % <sup>2</sup>	<± 0.9 %	<± 0.8 %	< 1.0 % <sup>2</sup>	< 0.6 %	< 0.4 %	200 µL	956.12.050E	956.12.050
10 - 200 µL	1.0 µL	<± 0.9 % <sup>2</sup>	<± 0.7 %	<± 0.6 %	< 0.6 % <sup>2</sup>	< 0.4 %	< 0.25 %	200 µL	956.12.200E	956.12.200
20 - 350 µL	5.0 µL	<± 1.0 % <sup>2</sup>	<± 0.8 %	<± 0.6 %	< 0.6 % <sup>2</sup>	< 0.4 %	< 0.25 %	350 µL	956.12.350E	956.12.350

Performance values obtained in forward mode with bidest. water at constant temperature (± 0.5°C) comprised between 20 and 25°C in accordance with ISO 8655. Results can be improved by individual calibration in each mode. Measured at: <sup>1</sup> 0.5 µL, <sup>2</sup> 10% of nominal volume.

\* Replace E by country code if other plug type than Europe style needed: G = UK, U = USA-Japan, A = Australia-NZ

## Ordering information - Volumetric modules and accessories



Volume range	Tip style	Cat. No.
<b>Single channel microvolumes</b>		
<b>Reduced shaft length</b>		
0.1 - 2 µL	Ultra 10 µL	800.0002XS
0.5 - 10 µL	Ultra 10 µL	800.0010XS
0.5 - 10 µL	200 µL	800.0010YXS
1 - 20 µL	200 µL	800.0020XS
2.5 - 50 µL	200 µL	800.0050XS
5 - 100 µL	200 µL	800.0100XS
10 - 200 µL	200 µL	800.0200XS
50 - 1000 µL	1000 µL	800.1000XS
<b>Regular shaft length</b>		
0.1 - 2 µL	Ultra 10 µL	800.0002
0.5 - 10 µL	Ultra 10 µL	800.0010
0.5 - 10 µL	200 µL	800.0010Y
1 - 20 µL	200 µL	800.0020
2.5 - 50 µL	200 µL	800.0050
5 - 100 µL	200 µL	800.0100
10 - 200 µL	200 µL	800.0200
50 - 1000 µL	1000 µL	800.1000



Volume range	Tip style	Cat. No.
<b>Single channel macrovolumes</b>		
0.1 - 2 mL	2 mL	800.2000
0.25 - 5 mL	5 mL	800.5000
0.5 - 10 mL	10 mL	800.10000
<b>8-channel microvolumes</b>		
0.5 - 10 µL	Ultra 10 µL	800.08.010
2.5 - 50 µL	200 µL	800.08.050
10 - 200 µL	200 µL	800.08.200
20 - 350 µL	350 µL	800.08.350
<b>12-channel microvolumes</b>		
0.5 - 10 µL	Ultra 10 µL	800.12.010
2.5 - 50 µL	200 µL	800.12.050
10 - 200 µL	200 µL	800.12.200
20 - 350 µL	350 µL	800.12.350



Description	Packaging	Cat. No.
<b>Charging units, 3 positions</b>		
Stand for pipettes and battery packs	1 / pk	320.903.48
Stand for battery packs only	1 / pk	320.913.48
<b>Spare battery, blue colour</b>		
NiMH, 4.8V	1 / pk	900.920.48
NiMH, 4.8V	2 / pk	900.922.48
<b>Power supply, 100-240V</b>		
Europe style plug	1 / pk	900.901.48E
UK style plug	1 / pk	900.901.48G
USA-Japan style plug	1 / pk	900.901.48U
Australia - NZ style plug	1 / pk	900.901.48A
<b>Nozzle protection filters</b>		
For 2 and 5 mL models	50 / pk	322.05
For 10 mL model	50 / pk	322.10
<b>Adapter-nozzle - Pasteur pipette</b>		
For 2 mL model	1 / pk	1.835.631
For 5 mL model	1 / pk	1.835.633

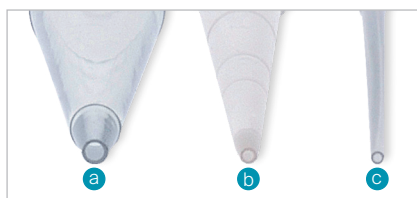
# Premium pipette tips

## The Qualitix® pipette tips from 10 µL to 10 mL

The Qualitix® pipette tip programme is all about quality, flexibility and compatibility. An extended line for accurate liquid delivery, fitting not only Socorex but all major micropipette brands. Packaging selection (bags, racks and *tipfill*™ rack filling system), together with a choice of tip styles with and without protection filter, offer appreciated versatility. Qualitix® and Socorex micropipettes are the most perfect match for optimized test results.

- Wide selection, superior quality, autoclavable
- Bags, racks and *tipfill*™ rack filling system
- Lot by lot consistency
- Certified free of nuclease, endotoxin and ATP
- Reduced packaging size, less bench space requirement
- Broad compatibility with major micropipette brands

Free samples on request



### Beveled and fine pointed

Beveled tip end **a** greatly reduces sticking of liquid drops. Fine pointed tips **b** have a thin and soft end, enabling small liquid volume deposit, thus enhancing reproducibility in repeat pipetting. A long and soft end is appropriate for gel loading **c**.



### Aerosol protection - No contamination

Filter tips include a 10 µm pore hydrophobic HDPE filter to retain any contaminant, efficiently protecting both pipette and sample. Certified high tip purity and gamma irradiation.



### Low retention - Maximal recovery

Low binding tips **a** are made of silicone-free resin, greatly reducing surface adhesion and providing maximal liquid recovery. Available in 10, 200 and 1000 µL capacities, in sterile and non-sterile racks. Also protease-free certified, they are best suited for proteomic research and accurate handling of viscous liquids.

### Qualitix® *bioproof*™ level

The Qualitix® line is free of detectable DNase, RNase, Pyrogen (Endotoxins) and ATP. Filter tips are additionally certified free of detectable human DNA and protease.



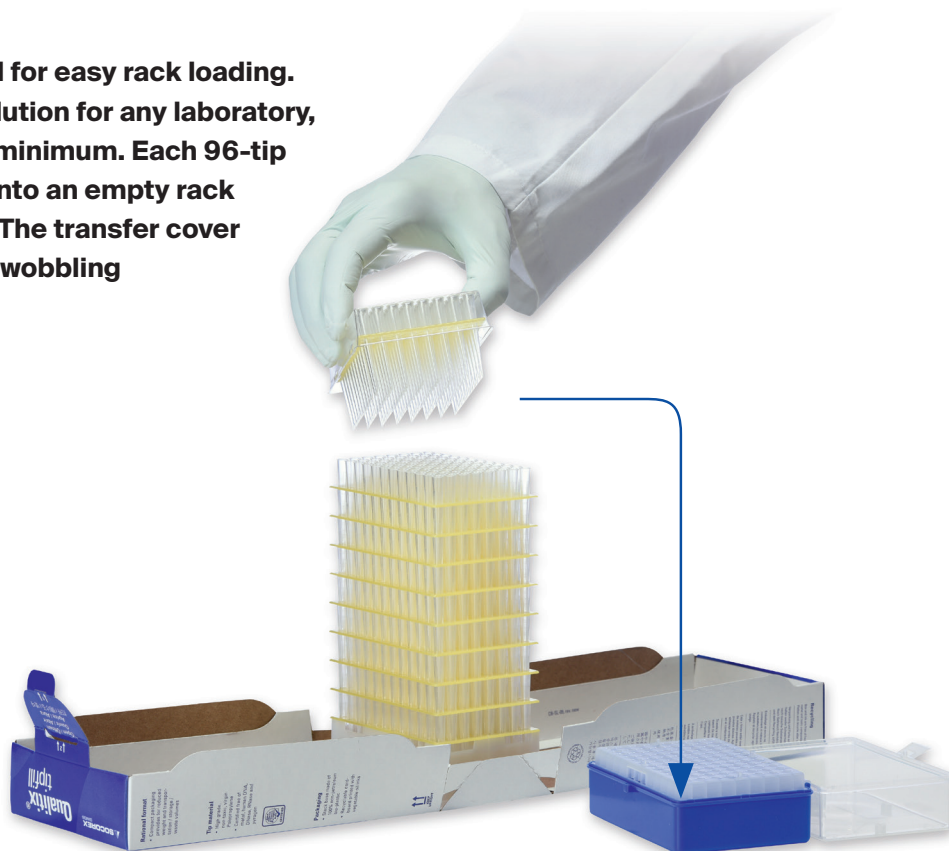
View certificate

## Rack filling system

The *tipfill™* packs are intended for easy rack loading. A practical and economical solution for any laboratory, limiting work interruption to a minimum. Each 96-tip insert is instantly transferred into an empty rack without risk of contamination. The transfer cover keeps tips clean and prevents wobbling during refilling.



See video



### Packaging options

Tips available in bags, hinged lid racks and *tipfill™* rack filling system.

### Space reduction

The smart re-closable *tipfill™* box uses far less space than corresponding amount of conventional racks and produces less plastic waste. This has a direct impact on storage requirement, shipping costs and environment.

### Environmental aspects

Packaging is optimized to ensure good protection while using minimal cardboard material.










## Application guide



Tip style	Features	Benefits
Regular tips	Superior quality, optimal and universal pipette fitting.	Common use in daily pipetting with Socorex and other pipette brands.
Filter tips	Same as above, includes 10 µm pore size hydrophobic HDPE protection filter.	Efficient protection for both pipette and sample against aerosol contamination.
Low binding tips	Special material provides for very low surface retention.	Accurate handling of thick, viscous liquids and protein/peptide samples.
Gel loading tips	Long, thin and soft tip end, universal fitting.	Precise sample distribution in confined area without damaging gel structure.
Extended tips	Long tip length, universal fitting.	Easy access into narrow, deep tubes while limiting contact with tube wall.
Saver tips	Reliable tips, universal pipette fitting.	Economical bulk packaging, best suited for large tip projects.

# Premium pipette tips





## Ordering information - Qualitix® pipette tip selection



10 - 20 µL Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	31.4	Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable		1000 / bag	10 bags	3090.0010B
		Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable		12x 96 / rack	10 packs	3090.0010R
	tipfill	Natural	10 µL tipfill™ system incl. ultra-microtips, fine pointed, graduated		13x 96 / pack	10 packs	3090.0010T
			Empty rack for 10 / 200 µL tips to be used with tipfill™ system, autoclavable		10 / pack	10 packs	3070.0210ER
	38.1	Natural	10 µL ultra-microtips, fine pointed, graduated, autoclavable	✓	12x 96 / rack	10 packs	3090.0010RS
		Natural	20 µL extended microtips, fine pointed, autoclavable		1000 / bag	10 bags	3020.0010B
	38.1	Natural	20 µL extended microtips, fine pointed, autoclavable		10x 96 / rack	10 packs	3020.0010R
		Natural	20 µL extended microtips, fine pointed, autoclavable		10x 96 / rack	10 packs	3020.0010R
	71.0	Natural	10 µL capillary tips for gel loading, autoclavable		4x 204 / rack	N / A	302.0010GR
	38.3	Natural	10 µL saver ultra-microtips, fine pointed, autoclavable		1000 / bag	10 bags	3070.0010B
			Empty rack for autoclaving 10 µL saver ultra-microtips 3070.0010B		1 / pack	N / A	3070.0010ER

10 - 20 µL Filter Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	31.4	Natural	10 µL ultra-microtips, with filter, fine pointed, graduated	✓	12x 96 / rack	10 packs	3090.0010FRS
	38.1	Natural	20 µL extended microtips, with filter, fine pointed	✓	10x 96 / rack	10 packs	3020.0010FRS


10 - 20 µL Low Protein Binding Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	31.4	Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable		12x 96 / rack	10 packs	3090.0010PR
		Natural	10 µL ultra-microtips, low binding, fine pointed, autoclavable	✓	12x 96 / rack	10 packs	3090.0010PRS
	38.1	Natural	20 µL extended microtips, low binding, fine pointed, autoclavable		10x 96 / rack	10 packs	3020.0010PR
		Natural	20 µL extended microtips, low binding, fine pointed, autoclavable	✓	10x 96 / rack	10 packs	3020.0010PRS

20 - 100 µL Filter Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	49.6	Natural	20 µL filter tips, bevel point	✓	10x 96 / rack	10 packs	3080.0020FRS
	49.6	Natural	100 µL filter tips, bevel point	✓	10x 96 / rack	10 packs	3080.0100FRS


200 µL Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	49.6	Natural	200 µL universal tips, bevel point, graduated, autoclavable		1000 / bag	10 bags	3070.0200B
		Natural	200 µL universal tips, bevel point, graduated, autoclavable		10x 96 / rack	10 packs	3070.0200R
	tipfill	Natural	200 µL tipfill™ system incl. universal tips, bevel point, graduated		10x 96 / pack	10 packs	3070.0200T
			Empty rack for 10 / 200 µL tips to be used with tipfill™ system, autoclavable		10 / pack	10 packs	3070.0210ER
	49.6	Natural	200 µL universal tips, bevel point, graduated, autoclavable	✓	10x 96 / rack	10 packs	3070.0200RS
		Yellow	200 µL regular tips, bevel point, autoclavable		1000 / bag	10 bags	3290.0200B
		Yellow	200 µL regular tips, bevel point, autoclavable		10x 96 / rack	10 packs	3290.0200R
	49.6	Yellow	200 µL regular tips, bevel point, autoclavable	✓	10x 96 / rack	10 packs	3290.0200RS
		Natural	200 µL capillary tips for gel loading, autoclavable		6x 96 / rack	8 packs	3080.0200GR
	49.5	Natural	200 µL saver tips, autoclavable		1000 / bag	10 bags	3070.0200B
		Yellow	200 µL saver tips, autoclavable		1000 / bag	10 bags	3270.0200B
			Empty rack for autoclaving 200 µL saver tips, 3070.0200B and 3270.0200B		1 / pack	N / A	3270.0200ER

200 µL Filter Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	51.2	Natural	200 µL universal tips with filter, bevel point	✓	10x 96 / rack	10 packs	3070.0200FRS
	83.8	Natural	200 µL extended tips with filter, fine pointed	✓	6x 96 / rack	8 packs	3080.0200LFRS


  

200 µL Low Protein Binding Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	49.6	Natural	200 µL universal tips, low binding, graduated, autoclavable		10x 96 / rack	10 packs	3070.0200PR
		Natural	200 µL universal tips, low binding, graduated, autoclavable	✓	10x 96 / rack	10 packs	3070.0200PRS








  

350 µL Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	58.8	Natural	350 µL regular tips, autoclavable		1000 / bag	N / A	308.0350B
		Natural	350 µL regular tips, autoclavable		10x 96 / rack	N / A	308.0350R


  

300 µL Filter Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	58.8	Natural	300 µL regular tips with filter	✓	10x 96 / rack	N / A	308.0300FR


  

1000 µL Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	88.9	Natural	1000 µL universal tips, fine pointed, autoclavable		1000 / bag	10 bags	3070.1000B
		Natural	1000 µL universal tips, fine pointed, autoclavable		6x 96 / rack	8 packs	3070.1000R
		Natural	1000 µL <i>tipfill</i> ™ system incl. universal tips, fine pointed		5x 96 / rack	10 packs	3070.1000T
			Empty rack for 1000 µL tips to be used with <i>tipfill</i> ™ system, autoclavable		6 / pack	8 packs	3070.1000ER
	75.9	Natural	1000 µL universal tips, fine pointed, autoclavable	✓	6x 96 / rack	8 packs	3070.1000RS
		Blue	1000 µL regular tips, bevel point, autoclavable		1000 / bag	10 bags	3190.1000B
		Blue	1000 µL regular tips, bevel point, autoclavable		6x 96 / rack	8 packs	3190.1000R
	75.9	Natural	1000 µL regular tips, bevel point, autoclavable	✓	6x 96 / rack	8 packs	3190.1000RS
		Natural	1000 µL regular tips, bevel point, graduated, autoclavable		1000 / bag	10 bags	3090.1000B
	70.9	Natural	1000 µL regular tips, bevel point, graduated, autoclavable		6x 96 / rack	8 packs	3090.1000R
		Natural	1000 µL saver tips, autoclavable		1000 / bag	N / A	307.1000B
		Blue	1000 µL saver tips, autoclavable		1000 / bag	N / A	317.1000B
			Empty rack for autoclaving 1000 µL saver tips 317.1000B and 307.1000B		1 / pack	N / A	317.1000ER




  

1000 µL Filter Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	88.9	Natural	1000 µL universal tips, with filter, fine pointed, autoclavable	✓	6x 96 / rack	8 packs	3070.1000FRS

1000 µL Low Protein Binding Tips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	88.9	Natural	1000 µL universal tips, low binding, fine pointed, autoclavable		6x 96 / rack	8 packs	3070.1000PR
		Natural	1000 µL universal tips, low binding, fine pointed, autoclavable	✓	6x 96 / rack	8 packs	3070.1000PRS

























2, 5, 10 mL Macrotips	Size mm	Description		Sterile	Packaging		Cat. No.
		Colour	Style		Pack	Case	
	115.5	Natural	2 mL macrotips, autoclavable		2x 250 / bag	N / A	312.02
		Natural	2 mL macrotips, autoclavable		30x 250 / bag	N / A	312.02XLB
				Empty rack for 50 x 2 mL macrotips, autoclavable		2 / pack	N / A
	123.2	Natural	5 mL macrotips, graduated, autoclavable		2x 250 / bag	N / A	312.05B
		Natural	5 mL macrotips, graduated, autoclavable		25x 250 / bag	N / A	312.05XLB
		Natural	5 mL macrotips, graduated, autoclavable		2x 50 / rack	N / A	312.05R
	150.0	Natural	10 mL macrotips, autoclavable		3x 100 / bag	N / A	312.10
		Natural	10 mL macrotips, autoclavable		40x 100 / bag	N / A	312.10XLB
				Empty rack for 24x 10 mL macrotips, autoclavable		4 / pack	N / A

B = bag, E = empty, F = filter, G = gel, L = long, P = low binding, R = rack, S = sterile, T = *tipfill*™ refill system, XLB = bulk tips in bags

## Socorex compatibility chart

Chart indicates optimal combination of Qualitix® and Socorex pipettes.

Acura® manual and Acura® electro

		815					825 / 826 / 926					835 / 936			855 / 956										
		Up to 10 µL	10 y/15/20 µL	25 to 100 µL	120 to 200 µL	250 to 1000 µL	0.1 - 2 µL	0.5 - 10 µL	1 - 10 µL (V)	2 - 20 µL	5 - 50 µL	10 - 100 µL	20 - 200 µL	100 - 1000 µL	0.2 - 2 mL	0.5 - 5 mL	1 - 10 mL	0.5 - 10 µL	2 - 20 µL	5 - 50 µL	10 - 100 µL	20 - 200 µL	40 - 350 µL		
<b>10-20 µL ultra and microtips</b>		<b>Tip ref.</b>																							
	3090	●					●	●										●							
	3020	●					●	●											●						
	302	● <sup>2</sup>						● <sup>2</sup>																	
	3090	●					●	●										●							
	3020	●					●	●											●						
	307	●					●	●										●							
<b>20 - 100 µL Tips</b>		<b>Tip ref.</b>																							
	3080		●						●	●	● <sup>1</sup>										● <sup>1</sup>				
	3080			●						●	●	● <sup>1</sup>								●	●	● <sup>1</sup>			
<b>200 µL Tips</b>		<b>Tip ref.</b>																							
	3070		●	●	●				●	●	●	●	●							●	●	●			
	3290		●	●	●				●	●	●	●	●							●	●	●			
	3080				●					●	●	●	●												
	3070			●	●								●										●		
	3080				●								●										●		
	307/327		●	●	●				●	●	●	●	●							●	●	●			
<b>300 - 350 µL Tips</b>		<b>Tip ref.</b>																							
	308				●							●	●										●		
	308				●							●											● <sup>1</sup>		
<b>1000 µL Tips</b>		<b>Tip ref.</b>																							
	3070				●								●												
	3190				●								●												
	3090				●								●												
	3070				●								●												
	307/317				●								●												
<b>2, 5, 10 mL Macrotips</b>		<b>Tip ref.</b>																							
	312															●									
	312																	●							
	312																		●						

<sup>1</sup> Up to max. tip volume    <sup>2</sup> For volumes > 2 µL



# Reagent reservoirs



## V-shape reservoirs, 75 mL

Re-usable and autoclavable polypropylene. Embossed graduations guarantee long lasting legibility. Round corners enable convenient reagent pouring. Bottom shape ensures bench stability. Bring maximal flexibility for routine work with single and multichannel pipettes.



## V-shape reservoirs, with lid, 125 mL

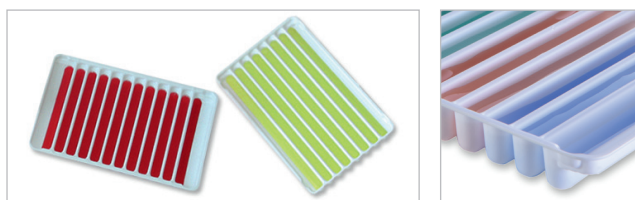
Re-usable and autoclavable polypropylene. Hinged lid closure. Microplate format guarantees excellent stability. Stackable for space saving storage. V-shape bottom enables aspiration until last reagent drops. Suited for single and multichannel pipetting.



## Ordering information - V-shape reservoirs

Description	Dimensions	Volume	Colour	Style	Lid	Material	Sterile	Packaging	Cat. No.
Reservoir	58 x 132 x 25 mm	75 mL	Natural	V-shaped	No	PP	No	20 / pk	330.01
Reservoir	83 x 121 x 34 mm	125 mL	Natural	V-shaped	Yes, hinged	PP	No	20 / pk	330.01L

Free samples on request



## Multichannel reservoirs, non-sterile, 48 mL

8- and 12-channel polystyrene reservoirs. Each channel with round bottom. Total capacity 48 mL. Good bench stability. Microplate format enables use with automated, robotic pipetting devices and multichannel pipettes.



## Multichannel reservoirs, sterilized, 48 mL

Single wrapped 8- and 12-channel polystyrene reservoirs to be used in clean environment. Sterilized by X-ray radiation. Each channel with round bottom. Total capacity 48 mL. Good bench stability. Lot number facilitates traceability.



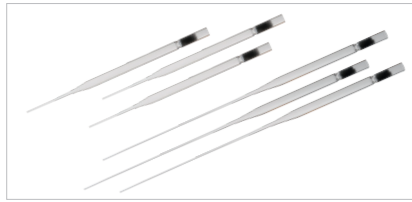
## Ordering information - Multichannel reservoirs

Description	Dimensions	Volume	Colour	Style	Lid	Material	Sterilized	Packaging	Cat. No.
Reservoir	83 x 126 x 13 mm	8x 6 mL	White	8-channel	No	PS	no	30 / pk	330.08
Reservoir	83 x 126 x 13 mm	8x 6 mL	White	8-channel	No	PS	no	100 / pk	330.08XL
Reservoir	83 x 126 x 13 mm	8x 6 mL	White	8-channel	No	PS	yes	10x 1 / pk	330.08.9
Reservoir	83 x 126 x 13 mm	12x 4 mL	White	12-channel	No	PS	no	30 / pk	330.12
Reservoir	83 x 126 x 13 mm	12x 4 mL	White	12-channel	No	PS	no	100 / pk	330.12XL
Reservoir	83 x 126 x 13 mm	12x 4 mL	White	12-channel	No	PS	yes	10x 1 / pk	330.12.9

Free samples on request



## Pasteurs, straws and filters



### Glass Pasteur pipette

Standard Pasteur models fitting 2 and 5 mL Acura® *manual / electro* macropipettes with their respective adapters. Useful alternative to macrotips, for instance when handling PP affecting reagents. Model and size selection fit most lab requirements.

### Pasteur pipette adapters

Dedicated PVDF adapters with two internal O-rings tightly fitting glass Pasteur pipette (ext Ø 6.5 – 7.2 mm), without excluding the use of regular PP tips.

### Ordering information - Pasteur pipettes

Material	Volume	Dimensions (l x Ø mm)	Packaging	Cat. No.
Glass	2 mL	150 x 7	250 / pk	313.02.150
Glass	2 mL	230 x 7	250 / pk	313.02.230
Glass with cotton plug	2 mL	150 x 7	250 / pk	313.02.150C
Glass with cotton plug	2 mL	230 x 7	250 / pk	313.02.230C

### Ordering information - Pasteur adapters

Fits macropipette	Packaging	Cat. No.
Acura® <i>manual</i> 835, 2 mL Acura® <i>electro</i> 936, 2 mL	1 / pk	1.835.631
Acura® <i>manual</i> 835, 5 mL Acura® <i>electro</i> 936, 5 mL	1 / pk	1.835.633



### Straw tips

Fitting the Acura® *dilute* 810 pipette. The long and thin straw tips allow pick-up of particle containing liquids in Stomacher® bags and deep, narrow reservoirs. Supplied sterilized in resealable bag.

### Nozzle filters for pipettes

Protection against liquid overflow or aerosol contamination. Filters are interchangeable, non-sterile, non autoclavable.

### Ordering information - Straw tips and nozzle filters

Description	Fits	Material	Size (l x Ø mm)	Packaging	Cat. No.
Straw tips, 1.1 mL	Acura® <i>dilute</i> 810	PP, sterilized	190 x 4	40x25 / pk	313.119.40
Nozzle filter	Acura® <i>dilute</i> 810	PE	6.3 x 2.5	100 / pk	322.810
Nozzle filter	Calibra® <i>digital</i> 832, 2 mL	Cellulose	22 x 7	250 / bag	322.02
Nozzle filter	Acura® <i>manual</i> 835, 2 and 5 mL Acura® <i>electro</i> 936, 2 and 5 mL	PP fiber	20 x 7.5	50 / bag	322.05
Nozzle filter	Calibra® <i>digital</i> 832, 10 mL Acura® <i>manual</i> 835, 10 mL Acura® <i>electro</i> 936, 10 mL	PP fiber	30 x 10.5	50 / bag	322.10



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