

Acura® electro
your electronic choice

new tips
Qualitix®
and consumables

electronic micropipettes

Latest upgrade of a successful line making electronic pipetting more versatile, simpler and safer than ever.

The Acura® electro features

- Optimal ergonomics, light weight
- Easy, intuitive, self-teaching programme
- Large display, reversible right / left reading
- Swift-interchange battery pack
- Fast charge, long working autonomy
- Adjustable tip ejector* fitting most tips
- Pipetting cycle counter
- Interchangeable volumetric modules

* Socorex patented



The Acura® electro models

926XS 936 956
micro macro multi

 **SOCOREX**
SWISS

Acura® *electro*

your electronic choice



► 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.



► Long working autonomy

NiMH battery pack exchangeable right-away. 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.

Microprocessor-controlled instrument line featuring 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. Unsurpassed metrological performance and stability.

Micropipettes

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

Macropipettes

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

926XS micro



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

936 macro



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

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.



ENERGY STAR®
qualified power
supply for a better
environment

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.





Multichannel pipettes

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

956
multi



Sound can be turned on / off anytime

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

Performance

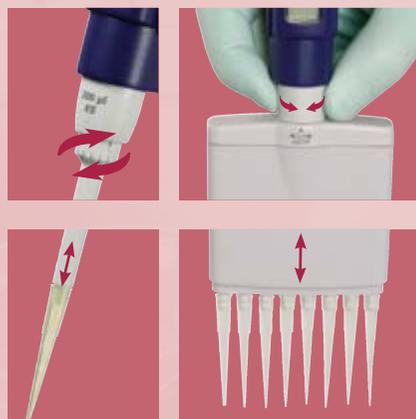
Volume	Division	Inaccuracy (E%)			Imprecision (CV%)			Tip style
		Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.	
Micropipettes Acura® electro 926XS								
0.1 - 2 µL	0.01 µL	< ± 2.5 % ¹⁾	< ± 1.2 %	< ± 0.9 %	< 2.5 % ¹⁾	< 1.5 %	< 0.8 %	Ultra 10 µL
0.5 - 10 µL	0.05 µL	< ± 1.2 % ²⁾	< ± 0.8 %	< ± 0.6 %	< 1.5 % ²⁾	< 0.7 %	< 0.35 %	Ultra 10 µL
0.5 - 10 µL	0.05 µL	< ± 1.2 % ²⁾	< ± 0.8 %	< ± 0.6 %	< 1.7 % ²⁾	< 0.8 %	< 0.4 %	200 µL
1 - 20 µL	0.1 µL	< ± 1.2 % ²⁾	< ± 0.6 %	< ± 0.5 %	< 1.2 % ²⁾	< 0.4 %	< 0.3 %	200 µL
2.5 - 50 µL	0.25 µL	< ± 1.0 % ²⁾	< ± 0.6 %	< ± 0.5 %	< 0.7 % ²⁾	< 0.3 %	< 0.25 %	200 µL
5 - 100 µL	0.5 µL	< ± 1.0 % ²⁾	< ± 0.6 %	< ± 0.5 %	< 0.7 % ²⁾	< 0.3 %	< 0.2 %	200 µL
10 - 200 µL	1.0 µL	< ± 1.0 % ²⁾	< ± 0.6 %	< ± 0.4 %	< 0.6 % ²⁾	< 0.2 %	< 0.15 %	200 µL
50 - 1000 µL	5.0 µL	< ± 0.8 % ²⁾	< ± 0.5 %	< ± 0.4 %	< 0.4 % ²⁾	< 0.15 %	< 0.1 %	1000 µL
Macropipettes Acura® electro 936								
0.1 - 2 mL	0.01 mL	< ± 1.5 % ²⁾	< ± 1.0 %	< ± 0.5 %	< 0.6 % ²⁾	< 0.3 %	< 0.15 %	2 mL
0.25 - 5 mL	0.05 mL	< ± 1.2 % ²⁾	< ± 0.8 %	< ± 0.5 %	< 0.6 % ²⁾	< 0.3 %	< 0.15 %	5 mL
0.5 - 10 mL	0.05 mL	< ± 1.0 % ²⁾	< ± 0.7 %	< ± 0.5 %	< 0.5 % ²⁾	< 0.2 %	< 0.15 %	10 mL
Multichannel pipettes Acura® electro 956								
0.5 - 10 µL	0.05 µL	< ± 3.5 % ²⁾	< ± 1.5 %	< ± 1.0 %	< 3.0 % ²⁾	< 0.9 %	< 0.7 %	Ultra 10 µL
2.5 - 50 µL	0.25 µL	< ± 1.0 % ²⁾	< ± 0.8 %	< ± 0.8 %	< 1.0 % ²⁾	< 0.6 %	< 0.4 %	200 µL
10 - 200 µL	1.0 µL	< ± 0.9 % ²⁾	< ± 0.7 %	< ± 0.6 %	< 0.6 % ²⁾	< 0.4 %	< 0.25 %	200 µL
20 - 350 µL	5.0 µL	< ± 1.0 % ²⁾	< ± 0.8 %	< ± 0.6 %	< 0.6 % ²⁾	< 0.4 %	< 0.25 %	350 µL

Performance values obtained in Forward mode with bi-dist. water at constant temperature (± 0.5°C) comprised between 20 and 25°C in accordance with ISO 8655. Performance measured at:
¹⁾ 0.5 µL, ²⁾ 10% of nominal volume

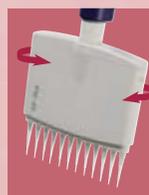


▶ Tip ejection - easier than ever

Maximal efficiency obtained with a large surface, ergonomically located ejector button. The patented 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.



▶ Optimal working position

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



▶ Pipetting cycle counter

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

Acura[®] *electro*

your electronic choice

Great built-in working flexibility

Surf through mode selection by pressing a single button.



• 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 μ 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, 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.



► Initial package

Recommended on first purchase of an Acura[®] *electro*. Each initial package contains one electronic pipette, QC certificate, 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.



► 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 sterilisation is needed, volumetric modules can be removed and autoclaved at 121 °C / 250 °F.



► Calibration

Control software gives immediate access to calibration menu. Performance check possible over two or three independent volumes (V_{min} , V_{mid} and V_{max}). New settings entered directly from the keyboard. Error message warns of any inaccurate plunger movement.



► Key beep

Sound can be turned on/off anytime.

Ordering information - Instruments

Initial package includes pipette, charging stand and accessories.
Additional pipettes (alone) supplied with individual QC certificate, Qualitix® pipette tip samples and operating instructions.

Volume	Division	Tip style	Cat. No. Initial package*	Cat. No. Pipette alone
Acura® electro 926XS micropipettes				
0.1 - 2 µL	0.01 µL	Ultra 10 µL	926.0002E	926.0002
0.5 - 10 µL	0.05 µL	Ultra 10 µL	926.0010E	926.0010
0.5 - 10 µL	0.05 µL	200 µL	926.0010YE	926.0010Y
1 - 20 µL	0.1 µL	200 µL	926.0020E	926.0020
2.5 - 50 µL	0.25 µL	200 µL	926.0050E	926.0050
5 - 100 µL	0.5 µL	200 µL	926.0100E	926.0100
10 - 200 µL	1.0 µL	200 µL	926.0200E	926.0200
50 - 1000 µL	5.0 µL	1000 µL	926.1000E	926.1000
Acura® electro 936 macropipettes				
0.1 - 2 mL	0.01 mL	2 mL	936.02E	936.02
0.25 - 5 mL	0.05 mL	5 mL	936.05E	936.05
0.5 - 10 mL	0.05 mL	10 mL	936.10E	936.10

Acura® electro 956 8-channel pipettes				
0.5 - 10 µL	0.05 µL	Ultra 10 µL	956.08.010E	956.08.010
2.5 - 50 µL	0.25 µL	200 µL	956.08.050E	956.08.050
10 - 200 µL	1.0 µL	200 µL	956.08.200E	956.08.200
20 - 350 µL	5.0 µL	350 µL	956.08.350E	956.08.350

Acura® electro 956 12-channel pipettes				
0.5 - 10 µL	0.05 µL	Ultra 10 µL	956.12.010E	956.12.010
2.5 - 50 µL	0.25 µL	200 µL	956.12.050E	956.12.050
10 - 200 µL	1.0 µL	200 µL	956.12.200E	956.12.200
20 - 350 µL	5.0 µL	350 µL	956.12.350E	956.12.350

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

Ordering information - volumetric modules

Volume range	Cat. No.	Volume range	Cat. No.	Volume range	Cat. No.
Single channel microvolumes Reduced shaft length		Single channel microvolumes Regular shaft length		Single channel macrovolumes	
0.1 - 2 µL	800.0002XS	0.1 - 2 µL	800.0002	0.1 - 2 mL	800.2000
0.5 - 10 µL	800.0010XS	0.5 - 10 µL	800.0010	0.25 - 5 mL	800.5000
0.5 - 10 µL*	800.0010YXS	0.5 - 10 µL*	800.0010Y	0.5 - 10 mL	800.10000
1 - 20 µL	800.0020XS	1 - 20 µL	800.0020	8-channel microvolumes	
2.5 - 50 µL	800.0050XS	2.5 - 50 µL	800.0050	0.5 - 10 µL	800.08.010
5 - 100 µL	800.0100XS	5 - 100 µL	800.0100	2.5 - 50 µL	800.08.050
10 - 200 µL	800.0200XS	10 - 200 µL	800.0200	10 - 200 µL	800.08.200
50 - 1000 µL	800.1000XS	50 - 1000 µL	800.1000	20 - 350 µL	800.08.350
				12-channel microvolumes	
				0.5 - 10 µL	800.12.010
				2.5 - 50 µL	800.12.050
				10 - 200 µL	800.12.200
				20 - 350 µL	800.12.350

*For 200 µL tip style

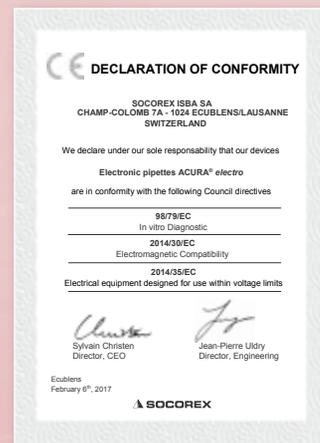
Ordering information - accessories

Description	Packaging	Cat. No.	Description	Packaging	Cat. No.
Charging units, 3 positions			Power supply, 100-240V		
Stand for pipettes or battery packs	1 / pk	320.903.48	Europe style plug	1 / pk	900.901.48E
Stand for power handles only	1 / pk	320.913.48	UK style plug	1 / pk	900.901.48G
Spare battery, blue colour			USA-Japan style plug	1 / pk	900.901.48U
NiMH, 4.8V	1 / pk	900.920.48	Australia - NZ style plug	1 / pk	900.901.48A
NiMH, 4.8V	2 / pk	900.922.48			

Standards and compliance

The Acura® *electro* pipettes are designed to operate under national and international standards such as EN ISO 8655, GMP, GLP, NCCLS. They conform to:

- IVD 98/79 EC (in vitro diagnostic medical devices)
- ED 2014/30/EC, FCC-CFR47, part 15 (electromagnetic compatibility)
- ED 2014/35/EC, IEC 61010-1 (electrical safety)
- ED 2002/95/EC, 2011/65/EC, 2017/2102/EC Restriction of Hazardous Substances (RoHS)



QC, safety and warrant

Each instrument bears its own serial number and passes strict performance control attested by an individual QC certificate. Refer to package inserts for safety precautions, operating instructions and warranty terms.



Products and specifications are subject to change without prior notice.

US Patent 6,833,114 B1,
EP Patent 1 185 368 B1,
U.S. Patent 8,900,526 B2
www.socorex.com/en/patents-and-marks

Acura[®] electro

your electronic choice



electronic micropipettes



Qualitix[®] pipette tip selection

Extended line for accurate liquid delivery, fitting not only Socorex[®] but all major micropipette brands.



More details



All-purpose reagent reservoirs

Well suited for single and multichannel pipetting. V-shape bottom enables aspiration until last reagent drops. Made of PP, autoclavable, re-usable.



More details



8- and 12-channel reservoirs

Made of PS material, provide ideal solutions for multichannel pipette applications. Supplied in bulk pack (non-sterile) or single wrapped (sterile).



Glass Pasteur pipettes

Standard 2 mL models fitting Acura[®] 2 and 5 mL macropipettes with their respective adapters. Useful alternative to macrotips, when handling PP affecting reagents.



More details

Your local distributor

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SOCOREX
SWISS

SOCOREX ISBA SA
Chemin de Champ-Colomb 7a
1024 Ecublens/Lausanne
Switzerland
Tel. +41 (0)21 651 6000
socorex@socorex.com
www.socorex.com

B.ELX.E - C0620