

## Micropipette a volume variabile Socorex mod. ACURA 826 XS

### for research

The **Acura**® line was created with the user in mind.

These tools are the product of the union of high-tech materials and extraordinary ergonomic features. In research applications, but also in routine administration, as well as offering exceptional performance, these products make pipetting more convenient and safer.

Derived from the **Acura Manual 825**, the **826 XS** line was designed with scientists and researchers in mind.

Shorter, softer in button movement, lighter in weight, the eight-volume range offers key elements aimed at pipetting excellence.

- Extraordinarily ergonomic
- Light and delicate
- Unmatched stability and metrological performance
- Adjustable tip ejector \*, compatible with most tips
- Quick swift-set calibration system \*: Allows for easy calibration in the laboratory
- Resistance to shocks, UV rays and autoclave washing
- CE IVD 98/79 EEC certification
- Three-year guarantee

\* Socorex patent

The ideal tool for research laboratories.

Optimized shape / size ratio with exceptional instrument controllability, improved manual movements for microtube operations.

Activating the work button allows for extremely soft pipetting, resulting in reduced hand fatigue in the most repetitive jobs.

Unmatched metrological performance to meet any pipetting need.

The short shaft improves the accuracy of the hand movement. A great advantage in the case of precision applications such as pipetting in microtubes. Ergonomic finger rest in line with overall hand comfort.

Low weight: 83 - 88 grams, the lightest on the market.

Resistance to shocks, heat, chemicals and UV light is guaranteed by selected materials and careful construction. As a result, almost no maintenance is required.

Deep cleaning and sterilization are achieved by autoclaving the fully assembled instrument (121 ° C, 20 minutes).

Each micropipette bears its own serial number and undergoes a rigorous functional check, attested by an individual QA certificate.

The 826XS line includes micropipettes for volumes from 0.1 to 1000 µl.

**Packs (TwixS) of micropipettes in multiple packages are also available to cover some range of volumes.**

**Acura® manual 826 TwixS pack**



- Two Acura® manual XS pipettes
- A free pipette shelf stand
- Qualitips® samples
- Quality Control Certificates (QC)
- Instructions for Use

## TwixS Pack Acura® manual 826 XS

Conf.	Contenuto (micropipette)		No. cat.
E	2 µl (0.1 - 2)	20 µl (2 - 20)	826.TWX.E
G	10 µl (0.5 - 10)	100 µl (10 - 100)	826.TWX.G
H	20 µl (2 - 20)	200 µl (20 - 200)	826.TWX.H
K	50 µl (5 - 50)	200 µl (20 - 200)	826.TWX.K
N	100 µl (10 - 100)	1000 µl (100 - 1000)	826.TWX.N
Q	200 µl (20 - 200)	1000 µl (100 - 1000)	826.TWX.Q



### Technical data

## Performance and weight Acura® manual 825 and 826 XS

Volume	Weight		Inaccuracy (E%)			Imprecision (CV%)		
	825	826	Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.
0.1 – 2 µL	88 gr	84 gr	<± 6.0 % <sup>1)</sup>	<± 4.0 %	<± 2.0 %	< 5.0 % <sup>1)</sup>	< 3.3 %	< 1.5 %
0.5 – 10 µL	88 gr	84 gr	<± 2.5 % <sup>2)</sup>	<± 1.8 %	<± 1.0 %	< 1.8 % <sup>2)</sup>	< 1.2 %	< 0.5 %
1 – 10 µL	88 gr	85 gr	<± 2.5 %	<± 1.8 %	<± 1.0 %	< 2.5 %	< 1.6 %	< 0.7 %
2 – 20 µL	88 gr	85 gr	<± 2.5 %	<± 1.8 %	<± 1.0 %	< 1.7 %	< 1.0 %	< 0.5 %
5 – 50 µL	90 gr	86 gr	<± 1.5 %	<± 1.3 %	<± 1.0 %	< 1.0 %	< 0.7 %	< 0.4 %
10 – 100 µL	92 gr	87 gr	<± 1.5 %	<± 1.2 %	<± 0.8 %	< 1.0 %	< 0.6 %	< 0.2 %
20 – 200 µL	90 gr	86 gr	<± 1.5 %	<± 1.1 %	<± 0.6 %	< 0.6 %	< 0.4 %	< 0.2 %
100 – 1000 µL	95 gr	88 gr	<± 1.5 %	<± 1.0 %	<± 0.5 %	< 0.5 %	< 0.4 %	< 0.2 %

Performance values obtained with bidest. water at constant temperature ( $\pm 0.5^\circ\text{C}$ ) comprised between 20 and 25°C in accordance with ISO 8655.

<sup>1)</sup> measured at 0.5 µL    <sup>2)</sup> measured at 1 µL

Code	Description	Volume ul	Division ul	Tip type	Weight gr	% Error - vol .min./medio /max	% Imprecision - vol.min./me dium/max
21826000	Micropipette mod. ACURA 826 XS from 100 - 1000 µl	100-1000	1	1000 ul	88	<±1,5/<±1,0/<± 0,5	<0,5/<0,4/<0,2
21826002	Micropipette	0.1-2	0.002	ultra 10 ul	84	<±6.0/<±4.0/<±	<5.0/<3.3/<1.5

Code	Description	Volume ul	Division ul	Tip type	Weight gr	% Error - vol .min./medio /max	% Imprecision - vol.min./me dium/max
	mod. ACURA 826 XS from 0.1 - 2 µl					2.0	
21826010	Micropipette mod. ACURA 826 XS from 0.5 - 10 µl	0.5-10	0.01	ultra 10 ul	84	<±2.5/<±1.8/<± 1.0	<1.8/<1.2/<0.5
21826020	Micropipette mod. ACURA 826 XS from 2 - 20 µl	2-20	0.02	200 ul	85	<±2,5/<±1,8/<± 1,0	<1,7/<1,0/<0,5
21826050	Micropipette mod. ACURA 826 XS from 5 - 50 µl	5-50	0.1	200 ul	86	<±1,5/<±1,3/<± 1,0	<1,0/<0,7/<0,4
21826100	Micropipette mod. ACURA 826 XS from 10 - 100 µl	10-100	0.1	-	87	<±1,5/<±1,2/<± 0,8	<1,0/<0,6/<0,2
21826200	Micropipette mod. ACURA 826 XS from 20 - 200 µl	20-200	0.2	200 ul	86	<±1,5/<±1,1/<± 0,6	<0,6/<0,4/<0,2
21826201	TwiXS pack E Acura 826 2 , 20 (0,1-2 µl + 2-20 µl)						
21826202	TwiXS pack G Acura 826 10 , 100 (0,5-10 µl + 10-100 µl)						
21826203	TwiXS pack H Acura 826 20 , 200 (2-20 µl + 20-200 µl)						
21826204	TwiXS pack K Acura 826 50 , 200 (5-50 µl + 20-200 µl)						
21826205	TwiXS pack N Acura 826 100 , 1000 (10-100 µl + 100-1000 µl)						
21826206	TwiXS pack Q Acura 826 200 , 1000 (20-200						

Code	Description	Volume ul	Division ul	Tip type	Weight gr	% Error - vol .min./medio /max	% Imprecision - vol.min./me dium/max
	μl + 100-1000 μl)						