

## Socorex variable volume micropipettes mod. ACURA 825

### universal

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.

- 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

Equipped with a precision digital display, the pipettes of this line are continuously adjustable to a very accurate volume definition.

Adjustment can be done easily with one hand while the other hand is engaged.

Snap-locks and free-spinning button removable cap ensure stability of adjustments during pipetting. 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 825 line includes micropipettes from 0.1 to 1000 µL.

Also available are packs (Triopack) of micropipettes in multiple packages to cover multiple ranges of volumes.



### Triopack Acura® manual 825 e 835

Conf.	Contenuto (modelli micro-/macropipette)			No. cat.
C	2 µl (0.1 - 2)	10 µl (0.5 - 10)	50 µl (5 - 50)	825.TRIO.C
J	2 µl (0.1 - 2)	20 µl (2 - 20)	200 µl (20 - 200)	825.TRIO.J
M	10Y µl (1 - 10)	50 µl (5 - 50)	200 µl (20 - 200)	825.TRIO.M
O	10 µl (0.5 - 10)	100 µl (10 - 100)	1000 µl (100 - 1000)	825.TRIO.O
P	10Y µl (1 - 10)	100 µl (10 - 100)	1000 µl (100 - 1000)	825.TRIO.P
S	20 µl (2 - 20)	200 µl (20 - 200)	1000 µl (100 - 1000)	825.TRIO.S
T	50 µl (5 - 50)	200 µl (20 - 200)	1000 µl (100 - 1000)	825.TRIO.T
V	100 µl (10 - 100)	1000 µl (100 - 1000)	5 ml (0.5 - 5)	825.TRIO.V
Y	1000 µl (100 - 1000)	5 ml (0.5 - 5)	10 ml (1 - 10)	835.TRIO.Y



### 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
21825000	Micropipette mod. ACURA 825 from 100 - 1000 µl	100-1000	1	1000 ul	95	<±1,5/<±1,0/<± 0,5	<0,5/<0,4/<0,2
21825002	Micropipette mod. ACURA 825 from 0.1 - 2 µl	0.1-2	0.002	ultra 10 ul	88	<±6.0/<±4.0/<± 2.0	<5.0/<3.3/<1.5
21825010	Micropipette mod. ACURA 825 from 0.5 - 10 µl	0.5-10	0.01	ultra 10 ul	88	<±2.5/<±1.8/<± 1.0	<1.8/<1.2/<0.5
21825020	Micropipette mod. ACURA 825 from 2 - 20 µl	2-20	0.02	200 ul	88	<±2,5/<±1,8/<± 1,0	<1,7/<1,0/<0,5
21825050	Micropipette mod. ACURA 825 from 5 - 50 µl	5-50	0.1	200 ul	90	<±1,5/<±1,3/<± 1,0	<1,0/<0,7/<0,4
21825100	Micropipette mod. ACURA 825 from 10 - 100 µl	10-100	0.1	200 ul	92	<±1,5/<±1,2/<± 0,8	<1,0/<0,6/<0,2
21825200	Micropipette mod. ACURA 825 from 20 - 200 µl	20-200	0.2	200 ul	90	<±1,5/<±1,1/<± 0,6	<0,6/<0,4/<0,2
21825304	Triopack Acura "O"	0,5-10/10-100/ 100-1000					
21825306	Triopack Acura "S"	2-20/20-200/1 00-1000					