

# Acura<sup>®</sup> manual

your expectations – our tradition

including  
**Qualitix<sup>®</sup>**  
tip line

## digital reading micropipettes



Acura<sup>®</sup> manual pipettes are precision instruments combining high-tech materials with exceptional, user friendly ergonomics.

A wide choice of models offers much more than superior performance and makes pipetting safe and comfortable.

### The Acura<sup>®</sup> manual line features:

- Effortless activation
- Smart and reliable volume adjustment
- Precision digital display visible at all time
- *Justip*<sup>™</sup> adjustable tip ejector fitting most tips
- *Swift-set* user calibration system
- Shock, UV-light and autoclaving resistance



### The Acura<sup>®</sup> manual models

**825** micro    **826** micro    **XS**

**815** fixed    **835** macro    **855** multi

 **SOCOREX**  
SWISS

# Acura<sup>®</sup> manual

your expectations – our tradition



## ► Most comfortable pipetting

The line fits everybody's hand with or without glove. Ergonomic shape, light weight and soft plunger travel care for optimal comfort.



## ► Smart and reliable volume adjustment

State-of-the-art micrometric setting is performed smoothly and precisely by turning the push button. Finely machined click-stops and free rotating cap prevent any unwanted volume alteration.

## ► Digital display always visible at a glance

Located on the front of the instrument, the display window allows the user to comfortably read the set volumes at any time during pipetting. A comforting reassurance for the user.



## ► Acura<sup>®</sup> manual 825/835 Triopack

Nine different packs up to 10 mL, each containing three adjustable micropipettes, to cover all individual requirements in any research or routine application. Available at attractive budget prices, they match with today's budget constraints.

## Universal micropipettes

The classic Acura<sup>®</sup> manual 825 is intended for all applications. It brings convenience, comfort, safety and sturdiness. A wise choice for your laboratory.

### 825 micro

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



## Work station Twister™ universal 336

Rotary stand holds up to six single channel pipettes of most brands. Seven translucent colours to choose from.



## In-line™ universal 337

Space saving stand holds up to seven single channel pipettes of most brands. Anti-slip pads guarantee bench stability. Available in five pastel colours.



## Extra sharp micropipettes

Derived from the Acura® manual 825, the 826 XS line was designed with the research scientists in mind. Shorter, smoother, lighter in weight, the eight models offer key features aiming to excellence in pipetting.

## 826 XS

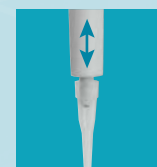
micro extra sharp

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



### ▶ Tip ejection – easier than ever

Most ergonomically positioned, the large surface, soft padded ejector button ensures low-pressure activation. In addition to ease of tip ejection, 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.



### ▶ Extra smooth activation

Unique tightness lip seal and new springs provide ultra-soft pipetting, reducing hand fatigue while working.

Pipetting		Overshoot	
Start	End	Start	End
≤1.6N*	≤2.8N*	≤9.3N*	≤11.5N*

\* 1 Newton (N) ~ 0.1 kilogramme force (kgf)

Above forces, measured on a 20 – 200 µL model, are indicative of very limited finger efforts. Yet, the overshoot stop offers a clear tactile indicator.

### Narrow conical shaft end

Small diameter offers easy access to microtubes.

### Short shaft

Length reduction greatly enhances precision of hand movement and guarantees superior drivability.

### A must for research scientists

The extra sharp pipette is optimal for any fine applications such as pipetting in microtubes or microplates.

## 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 %

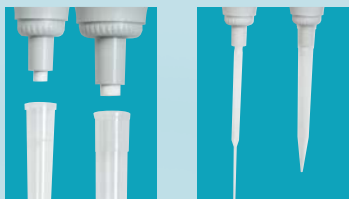
Performance values obtained with bidest. water at constant temperature (± 0.5°C) comprised between 20 and 25°C in accordance with ISO 8655.

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



### ▶ Acura® manual XS 826 TwiXS pack

Six different packs up to 1000 µL, each containing two adjustable micropipettes and a free pipette holder, to cover all individual requirements in any research application. Available at attractive prices, they match with today's budget constraints.



#### ► Nozzle protection filter

Macro models accommodate interchangeable nozzle filters for added protection against liquid overflow and barrel contamination.

#### ► Pasteur pipette adapter

Optional adapters allow fitting of glass Pasteur pipette on 2 and 5 mL models in addition to Polypropylene tips. The adapters include two O-rings guaranteeing proper holding and tightness of any standard 2 mL Pasteur pipettes (Ø 7 mm).



#### ► Smarties caps colour coding at will

Free rotating colour caps protecting against unwanted volume alteration, can be changed for individual, lab or department identifications. Pick among 14 different colours or choose the smartie mix including all of them for unlimited combinations.



#### ► Shelf pipette holder 332 for two instruments

Fitting micro, macro and/or multi-channel pipettes, its attractive design accommodates all Acura<sup>®</sup> and Calibra<sup>®</sup> instruments. The self-adhesive strip supplied ensures lasting attachment on any surface.

### Fixed volume micro and macropipettes

They show most stable performance and provide consistent results for any analytical or routine tests.

No risk of erroneous volume setting.

Available in a selection of micro sizes from 1 to 1000 µL and macro volumes models of 2, 2.5, 5 and 10 mL.

## 815 / 835F

fixed

1 µL to 10 mL



### Multi and single channel pipette work station 340

Innovative design fits three Calibra<sup>®</sup> and Acura<sup>®</sup> models. Easy reach of each instrument. Heavy bottom plate and anti-slip pads guarantee high stability.

### Performance and weight Acura<sup>®</sup> manual 815 and 835F

Volume	Weight	Inaccuracy (E%)	Imprecision (CV%)	Volume	Weight	Inaccuracy (E%)	Imprecision (CV%)
<b>Acura<sup>®</sup> manual 815</b>							
1 µL	85 gr	<± 2.0 %	< 1.0 %	150 µL	89 gr	<± 0.7 %	< 0.3 %
5 µL	85 gr	<± 1.4 %	< 1.0 %	200 µL	89 gr	<± 0.7 %	< 0.3 %
10 µL	85 gr	<± 0.7 %	< 0.7 %	250 µL	93 gr	<± 0.7 %	< 0.4 %
10Y µL	85 gr	<± 0.7 %	< 0.8 %	300 µL	93 gr	<± 0.7 %	< 0.4 %
15 µL	85 gr	<± 0.7 %	< 0.5 %	400 µL	93 gr	<± 0.7 %	< 0.3 %
20 µL	85 gr	<± 0.75 %	< 0.5 %	500 µL	93 gr	<± 0.7 %	< 0.3 %
25 µL	89 gr	<± 0.7 %	< 0.6 %	600 µL	93 gr	<± 0.7 %	< 0.3 %
30 µL	89 gr	<± 0.7 %	< 0.6 %	700 µL	93 gr	<± 0.7 %	< 0.2 %
32 µL	89 gr	<± 0.7 %	< 0.6 %	750 µL	93 gr	<± 0.7 %	< 0.2 %
40 µL	89 gr	<± 0.7 %	< 0.5 %	800 µL	93 gr	<± 0.7 %	< 0.2 %
50 µL	89 gr	<± 0.7 %	< 0.4 %	900 µL	93 gr	<± 0.7 %	< 0.2 %
60 µL	89 gr	<± 0.7 %	< 0.5 %	1000 µL	93 gr	<± 0.6 %	< 0.2 %
70 µL	89 gr	<± 0.7 %	< 0.4 %	<b>Acura<sup>®</sup> manual 835F</b>			
75 µL	89 gr	<± 0.7 %	< 0.4 %	2 mL	105 gr	<± 0.5 %	< 0.2 %
80 µL	89 gr	<± 0.7 %	< 0.35 %	2.5 mL	111 gr	<± 0.8 %	< 0.5 %
90 µL	89 gr	<± 0.7 %	< 0.3 %	5 mL	111 gr	<± 0.6 %	< 0.3 %
100 µL	89 gr	<± 0.7 %	< 0.3 %	10 mL	120 gr	<± 0.5 %	< 0.2 %
120 µL	89 gr	<± 0.7 %	< 0.4 %				

Performance values obtained with bidest. water at constant temperature (± 0.5°C) comprised between 20 and 25°C in accordance with ISO 8655.

## Macropipettes

Optimal for in- and outdoor environmental analysis, clinical chemistry and cell culture. They offer superior performance and make pipetting safer than ever.

# 835

macro

0.2 - 2 mL  
0.5 - 5 mL  
1 - 10 mL



## Multichannel pipettes

Instruments extend pipetting possibilities in 96-well microplates and guarantee outstanding performance and results.



# 855

multi

0.5 - 10 µL  
2 - 20 µL  
5 - 50 µL  
10 - 100 µL  
20 - 200 µL  
40 - 350 µL

## Performance and weight Acura® manual 835

Volume	Weight	Inaccuracy (E%)			Imprecision (CV%)		
		Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.
0.2 - 2 mL	108 gr	<± 1.5 %	<± 1.0 %	<± 0.5 %	< 0.5 %	< 0.3 %	< 0.2 %
0.5 - 5 mL	116 gr	<± 1.5 %	<± 1.1 %	<± 0.6 %	< 0.6 %	< 0.5 %	< 0.3 %
1 - 10 mL	130 gr	<± 1.5 %	<± 0.7 %	<± 0.5 %	< 0.5 %	< 0.3 %	< 0.2 %

## Performance and weight Acura® manual 855

Volume	Weight		Inaccuracy (E%)			Imprecision (CV%)		
	8x	12x	Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.
0.5 - 10 µL	155 gr	184 gr	<± 3.5 % <sup>1)</sup>	<± 2.5 %	<± 1.5 %	< 3.0 % <sup>1)</sup>	< 2.0 %	< 1.0 %
2 - 20 µL	155 gr		<± 2.5 %	<± 1.8 %	<± 1.2 %	< 2.0 %	< 1.4 %	< 0.7 %
5 - 50 µL	165 gr	199 gr	<± 1.0 %	<± 0.9 %	<± 0.8 %	< 1.0 %	< 0.7 %	< 0.4 %
10 - 100 µL	165 gr		<± 1.0 %	<± 0.9 %	<± 0.8 %	< 0.9 %	< 0.6 %	< 0.4 %
20 - 200 µL	165 gr	201 gr	<± 0.9 %	<± 0.8 %	<± 0.7 %	< 0.6 %	< 0.5 %	< 0.3 %
40 - 350 µL	168 gr	203 gr	<± 1.0 %	<± 0.9 %	<± 0.8 %	< 0.6 %	< 0.5 %	< 0.3 %

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 1 µL



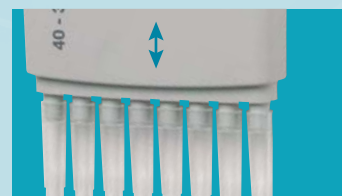
### ► Optimal working position

In addition to the ergonomic design and perfect hand fitting of the pipette, the multichannel volumetric module revolves to allow the selection of the best working position.



### ► Adjustable tip ejector

Height of tip ejector can be adjusted in no time within a 4 mm span to perfectly match to tip used. Bowed shape of ejector head guarantees effortless, easy sequential tip ejection.








### ► All purpose reservoirs



Well adapted for multichannel pipettes, the reagent reservoirs offer various shapes in different configurations at economical cost. See page 10.








## Ordering information - Qualitix® pipette tip selection



10 - 20 µL Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	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
	<i>tipfill™</i> →	Natural	10 µL <i>tipfill™</i> 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 <i>tipfill™</i> 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
	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


10 - 20 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	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			Packaging		Cat. No.
		Colour	Style	Sterile	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 microtips, low binding, fine pointed, autoclavable		10x 96/rack	10 packs	3020.0010PR
		Natural	20 µL microtips, low binding, fine pointed, autoclavable	✓	10x 96/rack	10 packs	3020.0010PRS

20 - 100 µL Filter Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	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			Packaging		Cat. No.
		Colour	Style	Sterile	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
	<i>tipfill™</i> →	Natural	200 µL <i>tipfill™</i> 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 <i>tipfill™</i> system, autoclavable		10/pack	10 packs	3070.0210ER
	49.6	Natural	200 µL universal tips, bevel point, graduated, autoclavable	✓	10x 96/pack	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	
	Yellow	200 µL regular tips, bevel point, autoclavable	✓	10x 96/rack	10 packs	3290.0200RS	
	82.5	Natural	200 µL capillary tips for gel loading, autoclavable		6x 96/rack	8 packs	3080.0200GR


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

1000 µL Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	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	Blue	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
	70.0	Natural	1000 µL regular tips, bevel point, graduated, autoclavable		6x 96 / rack	8 packs	3090.1000R
		Blue	1000 µL <i>saver</i> tips, autoclavable		1000 / bag	N/A	317.1000B
		Natural	1000 µL <i>saver</i> tips, autoclavable		1000 / bag	N/A	307.1000B
			Empty rack for autoclaving 1000 µL tips 317.1000B and 307.1000B		1 pcs	N/A	317.1000ER

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

















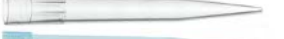





1000 µL Low Protein Binding Tips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	Pack	Case	
	88.9	Natural	1000 µL universal tips, low binding, fine pointed, autoclavable		6x 96 / rack	8 packs	3070.1000PR
		Natural	1000 µL universal tips, low binding, fine pointed, autoclavable	✓	6x 96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

2, 5, 10 mL Macrotips	Size mm	Description			Packaging		Cat. No.
		Colour	Style	Sterile	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 50x 2 mL macrotips, autoclavable		2 / pack	N/A	312.02ER
	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	312.10ER

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 µL/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 (Y)	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	●					●	●											●						
<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			●								●										●			
<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			●								●												
		317			●								●												
	3070			●								●													
<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



## Ordering information - Instruments

### Acura® manual 815, fixed volume micropipettes

Volume	Tip style	Cat. No.	Volume	Tip style	Cat. No.	Volume	Tip style	Cat. No.
1 µL	10 µL	815.0001	50 µL	200 µL	815.0050	250 µL	1000 µL	815.0250
5 µL	10 µL	815.0005	60 µL	200 µL	815.0060	300 µL	1000 µL	815.0300
10 µL	10 µL	815.0010	70 µL	200 µL	815.0070	400 µL	1000 µL	815.0400
10Y µL	200 µL	815.0010Y	75 µL	200 µL	815.0075	500 µL	1000 µL	815.0500
15 µL	200 µL	815.0015	80 µL	200 µL	815.0080	600 µL	1000 µL	815.0600
20 µL	200 µL	815.0020	90 µL	200 µL	815.0090	700 µL	1000 µL	815.0700
25 µL	200 µL	815.0025	100 µL	200 µL	815.0100	750 µL	1000 µL	815.0750
30 µL	200 µL	815.0030	120 µL	200 µL	815.0120	800 µL	1000 µL	815.0800
32 µL	200 µL	815.0032	150 µL	200 µL	815.0150	900 µL	1000 µL	815.0900
40 µL	200 µL	815.0040	200 µL	200 µL	815.0200	1000 µL	1000 µL	815.1000

### Acura® manual 825 and 826 XS, adjustable volume micropipettes

Volume	Division	Tip style	Cat. No.	
0.1 – 2 µL	0.002 µL	10 µL	825.0002	826.0002
0.5 – 10 µL	0.01 µL	10 µL	825.0010	826.0010
1 – 10 µL	0.01 µL	200 µL	825.0010Y	826.0010Y
2 – 20 µL	0.02 µL	200 µL	825.0020	826.0020
5 – 50 µL	0.1 µL	200 µL	825.0050	826.0050
10 – 100 µL	0.1 µL	200 µL	825.0100	826.0100
20 – 200 µL	0.2 µL	200 µL	825.0200	826.0200
100 – 1000 µL	1 µL	1000 µL	825.1000	826.1000

### Acura® manual 835F, fixed volume micropipettes

Volume	Tip style	Cat. No.
2 mL	2 mL	835.F02
2.5 mL	5 mL	835.F02.5
5 mL	5 mL	835.F05
10 mL	10 mL	835.F10

### Acura® manual 835, adjustable volume micropipettes

Volume	Division	Tip style	Cat. No.
0.2 – 2 mL	0.002 mL	2 mL	835.02
0.2 – 2 mL	0.002 mL	2 mL/Pasteur	835.02PP
0.5 – 5 mL	0.01 mL	5 mL	835.05
0.5 – 5 mL	0.01 mL	5 mL/Pasteur	835.05PP
1 – 10 mL	0.01 mL	10 mL	835.10

### Acura® manual 855, multichannel micropipettes

Volume	Division	Tip style	8-channel/Cat. No.	12-channel/Cat. No.
0.5 – 10 µL	0.01 µL	ultra-microtips	855.08.010	855.12.010
2 – 20 µL	0.01 µL	microtips	855.08.020	
5 – 50 µL	0.1 µL	200 µL	855.08.050	855.12.050
10 – 100 µL	0.1 µL	200 µL	855.08.100	
20 – 200 µL	0.2 µL	200 µL	855.08.200	855.12.200
40 – 350 µL	0.4 µL	350 µL	855.08.350	855.12.350

## Ordering information - Pipette multipacks

### Triopack Acura® manual 825 and 835

Pack	Contents (Micro/Macropipettes)			Cat. No.
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

### TwixS Pack Acura® manual 826 XS

Pack	Contents (Micropipettes)		Cat. No.
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



#### ► Instant calibration

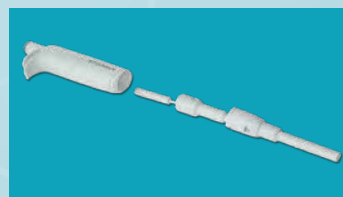
All Acura® manual models include the *swift-set* user calibration system - with integrated key and locking mechanism - making tedious procedures a thing of the past. Easy and precise, it is in full compliance with international standards and recommendations.



#### ► Safety seal sticker

Though easily removed when needed, the switch protection seal is autoclaving resistant. Replacement service stickers (5 ea.) included with each pipette.

Description	Packaging	Cat. No.
Replacement seals	25 / pk	1.825.025
Replacement seals	100 / pk	1.825.100



#### ► Minimum maintenance / sterilisation

Easy disassembling for thorough cleaning.

Sterilisation achieved by autoclaving the instrument fully assembled (121°C / 250°F, 20 minutes).



## Ordering information - Accessories

### Shelf pipette holder 332

Colour	Packaging	Cat. No.
Transparent blue	1 / pk	320.332
Transparent blue	4 / pk	320.332.4

### Twister™ universal 336

Colour	Packaging	Cat. No.
Diamond white	1 / pk	320.336W
Quartz grey	1 / pk	320.336Q
Citrine yellow	1 / pk	320.336Y
Topaz orange	1 / pk	320.336O
Rubin red	1 / pk	320.336R
Emerald green	1 / pk	320.336G
Sapphire blue	1 / pk	320.336B

### In-line™ universal 337

Colour	Packaging	Cat. No.
Light grey	1 / pk	320.337G
Pastel rose	1 / pk	320.337R
Ice blue	1 / pk	320.337B
Mint green	1 / pk	320.337M
Vanilla yellow	1 / pk	320.337Y

### Static work station 340

Colour	Packaging	Cat. No.
Light grey	1 / pk	320.340

### Smartie plunger caps

Colour	Cat. No.	Colour	Cat. No.
Alternative colour selection (6 / pk)			
White	825.710	Rose	825.719
Grey	825.715	Pink	825.720
Vanilla	825.716	Purple	825.721
Lemon	825.712	Ice blue	825.722
Yellow	825.717	Blue	825.713
Orange	825.718	Mint	825.723
Red	825.714	Green	825.711
Smartie mix, assorted colours (14 / pk)		1.825.700	

### Nozzle protection filter

Description	Packaging	Cat. No.
For 2 and 5 mL models	50 / pk	322.05
For 10 mL model	50 / pk	322.10

### Pasteur pipette adapters

Description	Packaging	Cat. No.
For 2 mL model	1 / pk	1.835.631
For 5 mL model	1 / pk	1.835.633

### All-purpose reagent reservoirs

Material	Volume	Style	Lid	Sterilized	Packaging	Cat. No.
PP	70 mL	V-shaped	No	Autoclavable	20 / pack	330.01
PP	125 mL	V-shaped	Hinged lid	Autoclavable	20 / pack	330.01L
PS	48 mL	8-channel	No	No	30 / pack	330.08
PS	48 mL	8-channel	No	No	100 / pack	330.08XL
PS	48 mL	8-channel	No	Sterilized	10x 1 / pack	330.08.9
PS	48 mL	12-channel	No	No	30 / pack	330.12
PS	48 mL	12-channel	No	No	100 / pack	330.12XL
PS	48 mL	12-channel	No	Sterilized	10x 1 / pack	330.12.9

### Your local distributor



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### Standards and compliance

All Acura<sup>®</sup> manual models are designed to perform in accordance with national and international standards such as ISO 8655, GMP, GLP, NCCLS.

### QC and warranty

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

Each micropipette bears its own serial number and passes strict performance control attested by an individual QC certificate.

Three-year warranty.



Accredited calibration laboratory  
ISO 17025



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