

**Acura® manual**  
your expectations – our tradition

including  
**Qualitix®**  
tip line

# digital reading micropipettes

Acura® *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® *manual* line features:**

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



**The Acura® *manual* models**

**825 826 XS**  
micro micro

**815 835 855**  
fixed macro multi

 **SOCOREX**  
SWISS



## ► 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® 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® 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



Short shaft



### 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 %   |

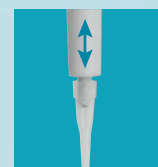
Performance values obtained with bidest. water at constant temperature (± 0.5°C) comprised between 20 and 25°C in accordance with ISO 8655.

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



### ► 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      |
| ≤1.6 N*   | ≤2.8 N* | ≤9.3 N*   | ≤11.5 N* |

\* 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.



### ► 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 bidist. 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 (± 0.5°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 effort-less, 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     |             |
| <br><br><i>tipfill™</i> → | 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  |
|                                                                                                           |         | 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     | 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     |             |
| <br><br><i>tipfill™</i> → | 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  |
|                                                                                                             |         | 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 |

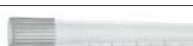
| 350 µL Tips                                                                       | Size mm | Description |                                   |         | Packaging     |      | Cat. No.  |
|-----------------------------------------------------------------------------------|---------|-------------|-----------------------------------|---------|---------------|------|-----------|
|                                                                                   |         | 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 |
|                                                                                     |         | Natural     | 1000 µL universal tips, fine pointed, autoclavable                                | ✓       | 6x 96 / rack | 8 packs  | 3070.1000RS |
|  | 75.9    | 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  |
|                                                                                     |         | Blue        | 1000 µL regular tips, bevel point, autoclavable                                   | ✓       | 6x 96 / rack | 8 packs  | 3190.1000RS |
|  | 75.9    | Natural     | 1000 µL regular tips, bevel point, graduated, autoclavable                        |         | 1000 / bag   | 10 bags  | 3090.1000B  |
|                                                                                     |         | Natural     | 1000 µL regular tips, bevel point, graduated, autoclavable                        |         | 6x 96 / rack | 8 packs  | 3090.1000R  |
|  | 70.0    | 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<sup>®</sup> compatibility chart

Chart indicates optimal combination of Qualitix<sup>®</sup> and Socorex<sup>®</sup> pipettes.

10 – 20 µL Ultra- and Microtips

|                                                                                  |      | Acura <sup>®</sup> manual and Acura <sup>®</sup> electro |                   |              |               |                 |            |                |               |           |           |             |             |               |            |            |           |
|----------------------------------------------------------------------------------|------|----------------------------------------------------------|-------------------|--------------|---------------|-----------------|------------|----------------|---------------|-----------|-----------|-------------|-------------|---------------|------------|------------|-----------|
|                                                                                  |      | 815                                                      |                   |              |               | 825 / 826 / 926 |            |                |               | 835 / 936 |           | 855 / 956   |             |               |            |            |           |
| Tip ref.                                                                         |      | 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 (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 |
|  | 3090 | ●                                                        |                   |              |               |                 | ●          | ●              |               |           |           |             |             |               |            |            | ●         |
|  | 3020 | ●                                                        |                   |              |               |                 | ●          | ●              |               |           |           |             |             |               |            |            | ●         |
|  | 302  | ● <sup>2</sup>                                           |                   |              |               |                 |            | ● <sup>2</sup> |               |           |           |             |             |               |            |            |           |
|  | 3090 | ●                                                        |                   |              |               |                 | ●          | ●              |               |           |           |             |             |               |            |            | ●         |
|  | 3020 | ●                                                        |                   |              |               |                 | ●          | ●              |               |           |           |             |             |               |            |            | ●         |

20 – 100 µL Tips

| Tip ref.                                                                           |      | 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 (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      |
|------------------------------------------------------------------------------------|------|-------------|-------------------|--------------|---------------|----------------|------------|-------------|---------------|----------------|-----------|----------------|-------------|---------------|------------|------------|----------------|
|  | 3080 |             | ●                 |              |               |                |            | ●           | ●             | ● <sup>1</sup> |           |                |             |               |            |            | ● <sup>1</sup> |
|  | 3080 |             |                   | ●            |               |                |            |             |               | ●              | ●         | ● <sup>1</sup> |             |               |            |            | ● <sup>1</sup> |

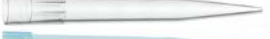
200 µL Tips

| Tip ref.                                                                           |      | 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 (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 |
|------------------------------------------------------------------------------------|------|-------------|-------------------|--------------|---------------|----------------|------------|-------------|---------------|-----------|-----------|-------------|-------------|---------------|------------|------------|-----------|
|  | 3070 |             | ●                 | ●            | ●             |                |            | ●           | ●             | ●         | ●         | ●           |             |               |            |            | ●         |
|  | 3290 |             | ●                 | ●            | ●             |                |            | ●           | ●             | ●         | ●         | ●           |             |               |            |            | ●         |
|  | 3080 |             |                   |              | ●             |                |            | ●           | ●             | ●         | ●         |             |             |               |            |            |           |
|  | 3070 |             |                   | ●            | ●             |                |            |             |               |           |           |             |             | ●             |            |            | ●         |
|  | 3080 |             |                   |              | ●             |                |            |             |               |           |           |             |             | ●             |            |            | ●         |

300 – 350 µL Tips

| Tip ref.                                                                           |     | 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 (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      |
|------------------------------------------------------------------------------------|-----|-------------|-------------------|--------------|---------------|----------------|------------|-------------|---------------|-----------|-----------|-------------|-------------|---------------|------------|------------|----------------|
|  | 308 |             |                   | ●            |               |                |            |             |               | ●         | ●         |             |             |               |            |            | ●              |
|  | 308 |             |                   | ●            |               |                |            |             |               | ●         |           |             |             |               |            |            | ● <sup>1</sup> |

1000 µL Tips

| Tip ref.                                                                           |      | 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 (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 |
|------------------------------------------------------------------------------------|------|-------------|-------------------|--------------|---------------|----------------|------------|-------------|---------------|-----------|-----------|-------------|-------------|---------------|------------|------------|-----------|
|  | 3070 |             |                   | ●            |               |                |            |             |               |           |           |             |             | ●             |            |            |           |
|  | 3190 |             |                   | ●            |               |                |            |             |               |           |           |             |             | ●             |            |            |           |
|  | 3090 |             |                   | ●            |               |                |            |             |               |           |           |             |             | ●             |            |            |           |
|  | 317  |             |                   | ●            |               |                |            |             |               |           |           |             |             | ●             |            |            |           |
|  | 3070 |             |                   | ●            |               |                |            |             |               |           |           |             |             | ●             |            |            |           |

2, 5, 10 mL Macrotips

| Tip ref.                                                                           |     | 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 (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 |
|------------------------------------------------------------------------------------|-----|-------------|-------------------|--------------|---------------|----------------|------------|-------------|---------------|-----------|-----------|-------------|-------------|---------------|------------|------------|-----------|
|  | 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

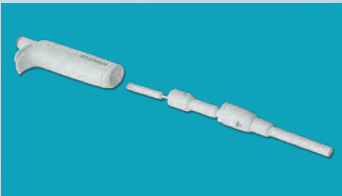
All Acura® manual models include the *swift-set* user calibration system - with integrated key and locking mechanism - making tedious procedures a thing of the past. Easy and precise, it is in full compliance with international standards and recommendations.



► 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).



# digital reading micropipettes

## 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

**ENRICO BRUNO s.r.l.**  
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SANITARI – INDUSTRIALI  
[www.enrico-bruno.it](http://www.enrico-bruno.it)

## 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.



AN

DE

FR



Accredited  
calibration  
laboratory  
ISO / IEC 17025



**SOCOREX**  
SWISS

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