



WHEATON | SOCOREX Acura[®] manual Pipettes



Thomas
Scientific

The Next Generation in Micro Pipetting

Toss those old pipettes aside and discover the new Socorex Acura® manual 826 XS Micropipette. It feels so good you won't believe it's a pipette. The plunger activation is so light to the touch and so smooth it's hard to believe you are pipetting.

The new XS (eXtra Sharp) pipette features a shorter shaft making it easier than ever to dispense and aspirate into the smallest of microtubes. Check out these eXtra Sharp features:

- **Shorter and Narrower Pipette Shaft** allows tip to be in closer range when pipetting into smaller diameter microtubes and vials.
- **Very Lightweight** (<88 grams) helps eliminate fatigue during long hours of pipetting.
- **Ultra-Soft Plunger** greatly reduces thumb and hand fatigue for added comfort and safety.
- **Accuracy and Precision** meets the same Socorex standard as the Acura® manual 825 micropipettes.
- **Swift-Set Calibration** provides easy user calibration system keeping instrument tuned for accurate pipetting.
- **Autoclavable** fully assembled provides an easy way to eliminate cross contamination.

The NEW Acura® manual 826 XS line is designed with the research scientist in mind. Shorter, smoother, and lightweight, the eight models offer key features having excellent ergonomics with the accuracy and precision you would expect from a *Swiss Made* Socorex Micropipette.

Contact your local laboratory supply distributor today to order an Acura® manual 826 XS. Try the Socorex TwiXS manual Pack containing 2 Acura® manual 826 XS Pipettes and receive a FREE Socorex Shelf Pipette Holder.

TwiXS™ Pack Ordering Information

Catalog No.	Pipette Volume	Qty/Case
1220V24	0.1-2µL 2-20µL	2
1220V25	0.5-10µL 10-100µL	2
1218F81	2-20µL 20-200µL	2
1220V29	5-50µL 20-200µL	2
1220V27	10-100µL 100-1000µL	2
1218F82	20-200µL 100-1000µL	2



TwiXS Pack Includes: 2 Acura manual 826 XS Pipettes, 1 Shelf Pipette Holder, Tip Samples, QC Certificate and Operating Instruction. Plus, a 3 year warranty from date of purchase.



New

Acura® manual XS 826



Acura® manual 825



Ideal for working with smaller diameter vials and microtubes.



Figure 1
Pipetting

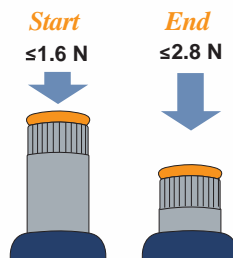
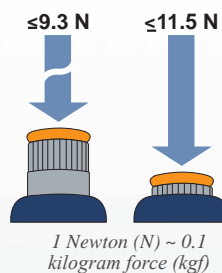


Figure 1 & 2
Extra Smooth Activation

Unique tightness lip seal provides for ultra-soft pipetting, thus reducing hand fatigue while working.

The forces, measured on a 20 - 200µL Acura® manual XS model, are indicative of very limited finger efforts. Yet, the overshoot stop offers a clear tactile indicator.

Figure 2
Overshoot



Superior Instrument Drivability

Short shaft enhances precision of hand movement. A great help in fine applications such as pipetting in microtubes.

Figure 3
High Visibility Counter

Located on the front side, the contrasted volume digits remain visible at all times.

Figure 4
Tip Ejection - Easier Than Ever

Ejector button provides for low-pressure activation. Patented JusTip™ height adjustment system permits the optimal fitting and ejection of a wide selection of tips.

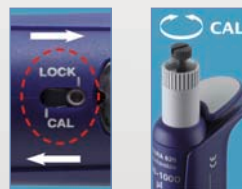
Figure 3 & 4



Figure 5
Swift-Set Calibration

Easy user calibration system with integrated key. Locking mechanism protected by calibration seal sticker.

Figure 5



QC Certificate & Warranty

Individual QC certificate issued after stringent tests. See package insert for warranty terms, safety precautions and operating instructions. Three year warranty.

Ordering Information

Catalog No.	Volume	Division	Inaccuracy (E%)			Imprecision (CV%)			Tip Style	Qty/Case
			Min. Vol.	Mid. Vol.	Max. Vol.	Min. Vol.	Mid. Vol.	Max. Vol.		
1220V16	0.1-2µL	0.002µL	<± 6.0 % ¹⁾	<± 4.0 %	<± 2.0 %	<5.0 % ¹⁾	<3.3%	<1.5%	Ultra 10µL	1
1220V17	0.5-10µL	0.01µL	<± 2.5 % ²⁾	<± 1.8 %	<± 1.0 %	<1.8 % ²⁾	<1.2%	<0.5%	Ultra 10µL	1
1220V18	1-10µL	0.01µL	<± 2.5 %	<± 1.8 %	<± 1.0 %	<2.5 %	<1.6%	<0.7%	200µL	1
1220V19	2-20µL	0.02µL	<± 2.5 %	<± 1.8 %	<± 1.0 %	<1.7 %	<1.1%	<0.5%	200µL	1
1220V20	5-50µL	0.1µL	<± 1.5 %	<± 1.3 %	<± 1.0 %	<1.0 %	<0.7%	<0.4%	200µL	1
1220V21	10-100µL	0.1µL	<± 1.5 %	<± 1.2 %	<± 0.8 %	<1.0 %	<0.6%	<0.2%	200µL	1
1220V22	20-200µL	0.2µL	<± 1.5 %	<± 1.1 %	<± 0.6 %	<0.6 %	<0.4%	<0.2%	200µL	1
1220V23	100-1000µL	1µL	<± 1.5 %	<± 1.0 %	<± 0.5 %	<0.5 %	<0.4%	<0.2%	1000µL	1

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

¹⁾ measured at 0.5µL ²⁾ measured at 1µL



WHEATON | Acura® manual Pipettes

Model 825 micro, 835 macro, 855 multi

Acura® manual Pipettes

- Digital display window for permanent volume visibility
- Exceptional, user-friendly ergonomics
- Shock, heat, chemical and UV light resistant
- JusTip™ adjustable tip ejection mechanism
- Swift-set user calibration system
- Lightweight, 3 - 7 oz. (88 - 203 g) depending on model
- Three year warranty

Acura® manual precision pipettes are designed and built with the users in mind. They combine high-tech materials with exceptional, user-friendly ergonomics. Whether for research or routine applications, they bring much more than superior performance and make pipetting safe. Entirely autoclavable at 121°C/250°F.

Comfortable Pipetting

Acura® manual pipettes fit everyone's hand with or without a glove. Ergonomic shape, lightweight and ultra-soft plunger travel. The Acura® manual models include the following adjustable volume pipettes.

Model:

- 825 micro variable volumes (0.1–1000µL)
- 835 macro variable volumes (0.2–10mL)
- 855 multi 8 and 12 channel (0.5–350µL)

Maximum comfort from ergonomic shape, lightweight feel, and ultra-soft plunger activation

Ergonomically positioned tip ejection allows for easy tip disposal



Reliable micrometric volume adjustment keeps gloves from tearing

Digital display is visible at all times during pipetting

Swift-set calibration system fully complies with international standards and recommendations



Swift-Set Instant Calibration

The swift-set user calibration system with integrated key and locking mechanism makes tedious procedures a thing of the past. Easy and precise, it is in full compliance with international standards and recommendations.



Smart and Reliable Volume Adjustment

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



JusTip™ Tip Ejection – Easier Than Ever

Ergonomically positioned, the large-surface, soft-padded ejector button provides for low-pressure activation. In addition to ease of tip ejection, the shaft height adjustment system called JusTip™ – controlled by efficient click-stops – allows a wide selection of tips to tightly fit the nozzle.

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



Optimal Working Position

In addition to ergonomic design and perfect hand fitting of the pipettor, the multichannel volumetric module revolves for added user comfort.

WHEATON | Acura® manual Pipettes

Model 825 micro, 835 macro, 855 multi



825 micro



835 macro



855 multi



Ordering Information

Catalog No.	Volume	Division	Inaccuracy (E%)			Imprecision (CV%)			Tip Style	Qty/Case
			Min. Vol.	Mid. Vol.	Max. Vol.	Min. Vol.	Mid. Vol.	Max. Vol.		
Acura manual 825 micro										
1229G82	0.1-2µL	0.002µL	<± 6.0 % ¹⁾	<± 4.0 %	<± 2.0 %	<5.0 % ¹⁾	<3.3%	<1.5%	Ultra 10µL	1
1229G83	0.5-10µL	0.01µL	<± 2.5 % ²⁾	<± 1.8 %	<± 1.0 %	<1.8 % ²⁾	<1.2%	<0.5%	Ultra 10µL	1
1229G84	1-10µL	0.01µL	<± 2.5 %	<± 1.8 %	<± 1.0 %	<2.5 %	<1.6%	<0.7%	200µL	1
1229G85	2-20µL	0.02µL	<± 2.5%	<± 1.8 %	<± 1.0 %	<1.7 %	<1.1%	<0.5%	200µL	1
1229G86	5-50µL	0.1µL	<± 1.5%	<± 1.3 %	<± 1.0 %	<1.0 %	<0.7%	<0.4%	200µL	1
1229G87	10-100µL	0.1µL	<± 1.5%	<± 1.2 %	<± 0.8 %	<1.0 %	<0.6%	<0.2%	200µL	1
1229G88	20-200µL	0.2µL	<± 1.5%	<± 1.1 %	<± 0.6 %	<0.6 %	<0.4%	<0.2%	200µL	1
1229G89	100-1000µL	1µL	<± 1.5%	<± 1.0 %	<± 0.5 %	<0.5 %	<0.4%	<0.2%	1000µL	1
Acura manual 835 macro										
1218F78	0.2-2mL	0.002mL	<± 1.5%	<± 1.0%	<± 0.5%	<0.5%	<0.3%	<0.2%	2mL	1
1229G90	0.5-5mL	0.01mL	<± 1.5%	<± 1.1%	<± 0.6%	<0.6%	<0.5%	<0.3%	5mL	1
1229G91	1-10mL	0.01mL	<± 1.5%	<± 0.7%	<± 0.5%	<0.5%	<0.3%	<0.2%	10mL	1
Acura manual 855 8-channel										
1229G92	0.5-10µL	0.01µL	<± 3.5% ²⁾	<± 2.5%	<± 1.5%	<3.0% ²⁾	<2.0%	<1.0%	Ultra 10µL	1
1229G93	5-50µL	0.1µL	<± 1.0%	<± 0.9%	<± 0.8%	<1.0%	<0.7%	<0.4%	200µL	1
1229G94	20-200µL	0.2µL	<± 0.9%	<± 0.8%	<± 0.7%	<0.6%	<0.5%	<0.3%	200µL	1
1229G95	40-350µL	0.4µL	<± 1.0%	<± 0.9%	<± 0.8%	<0.6%	<0.5%	<0.3%	350µL	1
Acura manual 855 12-channel										
1229G96	0.5-10µL	0.01µL	<± 3.5% ²⁾	<± 2.5%	<± 1.5%	<3.0% ²⁾	<2.0%	<1.0%	Ultra 10µL	1
1229G97	5-50µL	0.1µL	<± 1.0%	<± 0.9%	<± 0.8%	<1.0%	<0.7%	<0.4%	200µL	1
1229G98	20-200µL	0.2µL	<± 0.9%	<± 0.8%	<± 0.7%	<0.6%	<0.5%	<0.3%	200µL	1
1229G99	40-350µL	0.4µL	<± 1.0%	<± 0.9%	<± 0.8%	<0.6%	<0.5%	<0.3%	350µL	1



Acura® manual Triopack

- Three adjustable micropipettes
- Large choice of volumes
- Cost effective prices

This ready-to-use set includes three Acura® manual adjustable pipettes, tip samples, QC certificate and operating instructions. There are eight different Triopacks available, each covering specific volumes. The full coverage stretches between 0.1µL and 10mL. Triopack brings a major price/quality advantage matching budget constraints.



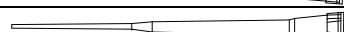
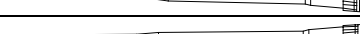







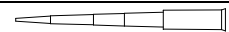
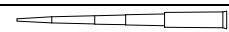

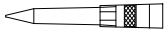


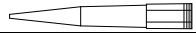

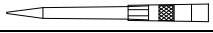


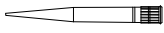


Cat. No.	Pipette Volumes		
1229H32	0.1-2µL	0.5-10µL	5-50µL
1229H33	0.1-2µL	2-20µL	20-200µL
1229H34	1-10µL	5-50µL	20-200µL
1229H35	1-10µL	10-100µL	100-1000µL
1229H36	2-20µL	20-200µL	100-1000µL
1229H37	5-50µL	20-200µL	100-1000µL
1229H38	10-100µL	100-1000µL	0.5-5mL
1229H39	100-1000µL	0.5-5mL	1-10mL

When needing calibration and repair for your Socorex pipettes, contact WHEATON Customer Service.

WHEATON | Premium Pipette Tips

WHEATON selects the highest quality pipette tips that enhance the precision of Socorex and other brands of pipettes. Tips are designed for a perfect fit which reduces premature detachment of tip, provides consistent results and maintains an absolute seal to the pipette shaft. The tips are made from high grade, virgin, metal-free polypropylene.



Premium Pipette Tips Ordering Information				DNase, RNase Free	Filtered	Pyrogen Free	Sterile
Microtips, 10µL	Cat No.	Description	Qty/Case				
	0914V56	Short tip, 10 racks of 100, Natural	1000	Y	N	N	N
	0914V57	Long tip, 4 racks of 200, Natural	800	Y	N	N	N
	0914V58	0.2mm gel seq, 1 rack of 200, Natural	200	Y	N	N	N
	0914V59	0.4mm gel seq, 4 racks of 200, Natural	800	Y	N	N	N
	1228S24	10 racks of 96 tips, Natural	960	N	N	N	N
	1228S25	10 racks of 96 tips, Natural	960	Y	N	Y	Y
	1228S26	Bulk pack of 1000 tips, Natural	1000	N	N	N	N
Microtips, 100µL	Cat No.	Description	Qty/Case				
	0914V65	10 racks of 96 tips, Natural	960	Y	Y	Y	Y
Microtips, 200µL	Cat No.	Description	Qty/Case				
	7730G50	10 racks of 96 tips, Natural	960	Y	N	N	N
	7730G55	10 racks of 96 tips, Natural	960	Y	N	Y	Y
	7730G60	Bulk pack of 1000 tips, Natural	1000	N	N	N	N
	0914V60	Bulk pack of 1000 tips, Yellow	1000	Y	N	Y	N
	0914V61	10 racks of 96 tips, Yellow	960	Y	N	Y	N
Microtips, 300/350µL	Cat No.	Description	Qty/Case				
	1228R44	Bulk pack of 1000 tips, Natural	1000	Y	Y	N	N
	1228R47	10 racks of 96 tips, Natural	960	Y	Y	Y	Y
	1218G01	Bulk pack of 1000 tips, Natural	1000	N	N	N	N
	1218G02	10 racks of 96 tips, Natural	960	N	N	N	N
Microtips, 1000µL	Cat No.	Description	Qty/Case				
	0914V62	Bulk pack of 1000 tips, Blue	1000	Y	N	Y	N
	0914V63	10 racks of 100 tips, Blue	1000	Y	N	Y	N
	1228R42	Individually wrapped, Natural	1000	Y	Y	Y	Y
	1228R43	10 racks of 96 tips, Natural	960	Y	Y	Y	Y
Macro tips, 2, 5, 10mL	Cat No.	Description	Qty/Case				
	0914V48	2mL - bulk pack of 250 tips, Natural	250	N	N	N	N
	1228S32	5mL - 2 bulk packs of 250 tips, Natural	500	N	N	N	N
	1228S33	5mL - 2 racks of 50 tips, Natural	100	N	N	N	N
	0914V49	10mL - bulk pack of 100 tips, Natural	100	N	N	N	N

*Tip capacity is 300uL, **5mL tip used for 2mL unit up to serial #17091050.



WHEATON | Acura® manual Pipette Accessories

Nozzle Filters for Pipettes



Add protection against liquid fill or pipette contamination. Filters are interchangeable, non sterile, non autoclavable. Fits Socorex macro model pipettes.

Cat. No.	Fits	Material	Qty/Bag
1228S27	Acura® manual 835, 5mL	Cellulose	250
0914V47	Acura® manual 835, 10mL	PP fibers	100

Pasteur Pipette Adapters



PVDF adapter fits pipette nozzle to accommodate standard glass Pasteur Pipettes. FPM Elastomer O-rings ensure effective tightness.

Cat. No.	Description	Qty/Pack
1218G03	Pasteur Pipet Adapter for 835, 2mL	1
1228R71	Pasteur Pipet Adapter for model 835, 5mL	1
0913X87	Disposable Glass Pasteur Pipets, length 150mm	1000
0913X86	Disposable Glass Pasteur Pipets, length 230mm	1000

Smartie Caps



The Acura® pipettes have color-coded display windows and *smarties* button caps. Color combinations are desirable for individual, lab or department identification; choose among 14 colors of *smarties*, or pick the *smartie* mix which contains all colors.

Cat. No.	Color	Qty/Pack	Cat. No.	Color	Qty/Pack
Smarties Button Caps					
1228R54	White	6	1228R61	Rose	6
1228R55	Grey	6	1228R62	Pink	6
1228R56	Vanilla	6	1228R63	Purple	6
1228R57	Lemon	6	1228R64	Ice Blue	6
1228R58	Yellow	6	1228R65	Blue	6
1228R59	Orange	6	1228R66	Mint	6
1228R60	Red	6	1228R67	Green	6
Smartie Assortment					
1228R68	Assorted colors	14			

Reagent Reservoirs



Cat. No.	Style	Volume (mL)	Sterile	Qty/Pack
1229J24	PP, V-shaped, no lid	70	No	20
1228S34	PP, V-shaped, hinged lid	125	No	20
1228S23	PS, 8-channel, no lid	48	Yes	10
1228S35	PS, 12-channel, no lid	48	Yes	10
7730G70	PP, V-shaped, no lid	75	No	10
7730G75	PP, V-shaped, no lid	75	Yes	10

Materials are PP (Polypropylene) and PS (Polystyrene).

Work Stations



Universal Work Station, Model 337

Space-saving pipette stand holds up to seven single-channel pipettes of most brands. Made of sturdy polyamid material, easy to clean. Anti-slip pads guarantee bench stability. The work station fits new and old generations of Socorex and other brand pipettes.

Work Station, Model 340

Innovative design fits all Calibra® and Acura® models. Easy reach of each instrument. Heavy bottom plate and anti-slip pads guarantee bench stability. Made of sturdy polyamid material, easy to clean. Holds 3-position multi and single channel pipettes.

Cat. No.	Color Code	Fits	Qty/Case
Universal Work Station, Model 337			
7735G63	<input type="checkbox"/> Light grey	7 single-channel pipettes	1
1228S28	<input type="checkbox"/> Ice blue	7 single-channel pipettes	1
1228S29	<input type="checkbox"/> Mint green	7 single-channel pipettes	1
1228S30	<input type="checkbox"/> Vanilla yellow	7 single-channel pipettes	1
1228S31	<input type="checkbox"/> Pastel rose	7 single-channel pipettes	1
Work Station, Model 340			
1229J25	<input type="checkbox"/> Light grey	3 multi- or single-channel pipettes	1

Shelf Pipette Holder, Model 332

Unique holder fits two micro, macro and/or multichannel pipettes for all Acura® and Calibra® models. Easily adheres to lab bench making pipettes readily accessible. Made of blue transparent polycarbonate material.



Cat. No.	Color	Description	Qty/Case
Shelf Pipette Holder, Model 332			
1220V28	Translucent Blue	2 multi- or single-channel pipettes	1
1220V29	Translucent Blue	2 multi- or single-channel pipettes	4

SOCOREX

*Feels So Good...
You Won't Believe It's A Pipette*



WHEATON Science Products

a division of **WHEATON** Industries Inc.

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