

Digital pipettes

822.832
Calibra[®]
852



- Ergonomic design and light weight
- Winding-free adjustment mechanism
- Unsurpassed performance and stability
- Fully autoclavable at 121 °C
- Easy laboratory self calibration
- With a wide range of *Qualitips*[®]



“Calibra - raising pipetting standard to the highest level”

The combination of mechanical precision, comfort and ease of use in the same instrument makes the Calibra the most advanced line of micropipettes available in the market. Truly digital, the twin cam system eliminates any tedious volume adjustment and guarantees long time calibration. Discover many more features each Calibra model offers to fulfill today's demanding laboratory needs.

“Micro” Calibra 822

The no compromise pipettes

Six single channel digitally variable volume micropipettes cover a range from 0.2 to 1000 µl with reliability and comfort.

Instant volume setting and adjustment

For example volume can be adjusted from 10 to 100 µl in two seconds : long windings are obsolete for ever.

Strong like never before

Shocks, vapours and high temperature present no danger under normal condition of use.

Decontamination at will – any time



Each Calibra model was designed to withstand numerous autoclaving cycles at 121 °C fully assembled. Microtip holder on 2 µl and 10 µl can be flamed for instant sterility.

Ideal shaft shape

Helps reach contents from narrow and/or deep tubes and containers.



See page 6 for micro and ultra-microtips.

1-10 µl
2 - 20 µl
10-100 µl
20-200 µl

0.2-2 µl
1-10 µl

100-1000 µl

Performance and ordering information

Volume µl	Division µl	Inaccuracy (Rel. err. %)		Imprecision (CV %)		Cat. No.	Qualitips® Symbols
		Min. vol.	Max. vol.	Min. vol.	Max. vol.		
<i>Micropipettes Calibra 822</i>							
0.2 - 2	0.1	< ±6.0 % (at 0.5 µl)	< ±2.0 %	< 5.0 % (at 0.5 µl)	< 1.5 %	822.0002	H E h e
1-10	0.05	< ±2.0 %	< ±1.0 %	< 2.0 %	< 0.5 %	822.0010	H E h e
1-10	0.05	< ±2.0 %	< ±1.0 %	< 2.5 %	< 0.7 %	822.0010Y	+ ● ✕ ◊ ■ ◊ ◊
2 - 20	0.1	< ±2.0 %	< ±1.0 %	< 1.7 %	< 0.5 %	822.0020	+ ● ✕ ◊ ■ ◊ ◊ ☆
10 - 100	0.5	< ±1.0 %	< ±0.8 %	< 1.0 %	< 0.2 %	822.0100	+ ● ✕ ◊ ■ ◊ ◊ ☆ ☆ ◊
20 - 200	1	< ±1.0 %	< ±0.8 %	< 0.6 %	< 0.2 %	822.0200	+ ● ✕ ◊ ■ ◊ ◊ ☆ ☆ ◊ ◊ ◊ ◊
100 - 1000	5	< ±0.7 %	< ±0.5 %	< 0.5 %	< 0.2 %	822.1000	✕ ◊ ◊ ◊ ◊ ◊ ◊
<i>Macropipettes Calibra 832</i>							
0.2 - 2 ml	0.01	< ±0.8 %	< ±0.5 %	< 0.5 %	< 0.2 %	832.02	◆
1 - 10 ml	0.1	< ±0.8 %	< ±0.5 %	< 0.3 %	< 0.15 %	832.10	*

Accessories	Packaging	Cat. No.
Nozzle protection filter for 2 ml model	250 / bag	322.02
Nozzle protection filter for 10 ml model	100 / bag	322.10
Glass Pasteur pipette, 2 ml	250 / pack	313.02

“Macro” Calibra 832



0.2 - 2 ml
1-10 ml



The macroperformance pipettes

Two single channel variable volume instruments from 0.2 to 2 ml and 1 to 10 ml satisfy the highest requirements for accuracy and stability.

User friendly

Gloved hands – small or large – feel comfortable with the ergonomic shape and the soft plunger travel of the Calibra macropipettes. Smooth aspiration through automatic air flow control. Fast volume adjustment.

Protection/hygiene/sterilization

Special cellulose nozzle filters, easy maintenance and autoclaving at 121 °C fully assembled.

Glass Pasteur pipette

The 2 ml Calibra 832 model fits both PP macrotip or glass Pasteur pipette.



Interchangeable protection filter located in the tip nozzle of the pipette.



Use of a glass Pasteur pipette with the adaptor supplied, even when protection filter installed.

Work station for 7 micropipettes

Space saver bench-top model. Holds single channel pipettes of most brands. Sturdy PA material, easy to clean. Assembled in 5 seconds. Choice of 4 attractive colours.



Reservoirs



Cat. No.	Colours
320.337G	Light grey
320.327B	Ice blue
320.337Y	Vanilla yellow
320.337M	Mint green

“Multi” Calibra 852



The wide possibility microtitration pipette

Available with 8 or 12 channels, three variable volume multichannel micropipettes from 1 to 10 µl, 10 to 100 µl and 20 to 200 µl covering all usual applications on microtiterplates.

Absolute comfort

Light and pleasant in every gloved hand, the instrument shows a perfectly balanced weight and a soft plunger movement. Handpiece rotates 360° for added working comfort.

Durable tip cone

High resistance to shocks and chemical reagents. To be used in conjunction with PP racked or bagged tips, with or without filter.

Sequential tip ejection

Guaranteed by a large surface – easy to reach – ejector button.

1-10 µl
10-100 µl
20-200 µl



Standard 9 mm spacing,
compatible with any
8 x 12 format
microtiterplate.



HST Ejector
Optional, thinner HST
ejector head provides for
compatibility with long
neck tips.

Performance and ordering information

Volume µl	Division µl	No. of Channels	Inaccuracy (Rel. err. %)		Imprecision (CV %)		Cat. No.	Qualitips® Symbols
			Min. vol.	Max. vol.	Min. vol.	Max. vol.		
1 - 10	0.05	8	< ± 5.0 %	< ± 2.0 %	< 5.0 %	< 1.5 %	852.08.010	H h
10 - 100	0.5	8	< ± 1.0 %	< ± 0.7 %	< 1.0 %	< 0.4 %	852.08.100	● ◆ ■ ◐ ☆ ○
20 - 200	1	8	< ± 0.9 %	< ± 0.7 %	< 0.6 %	< 0.3 %	852.08.200	● ◆ ■ ◐ ☆ ○
10 - 100	0.5	12	< ± 1.0 %	< ± 0.7 %	< 1.0 %	< 0.4 %	852.12.100	● ◆ ■ ◐ ☆ ○
20 - 200	1	12	< ± 0.9 %	< ± 0.7 %	< 0.6 %	< 0.3 %	852.12.200	● ◆ ■ ◐ ☆ ○

Accessories 852

Cat. No.	Description	Packaging
320.335	Work station for 4 multichannel micropipette, wall or bench mounted	1/Box
851.662	HST tip ejector for 8 channel micropipette	1/Bag
851.663	HST tip ejector for 12 channel micropipette	1/Bag
330.01	Reagent reservoir, 70 ml, PP, autoclavable	10/Box
330.01L	Large reagent reservoir with lid, 175 ml, PP, autoclavable	10/Box
330.08.9	8 channel reservoir, 40 ml, PS, sterile	10 x 1/Box
330.12.9	12 channel reservoir, 40 ml, PS, sterile	10 x 1/Box

Elegant and convenient work station

Designed for bench or wall mounting, the multichannel work station is an ideal space saver. Instruments always

face user.
Cat. No. 320.335



SOCOREX
SWISS



Calibra features

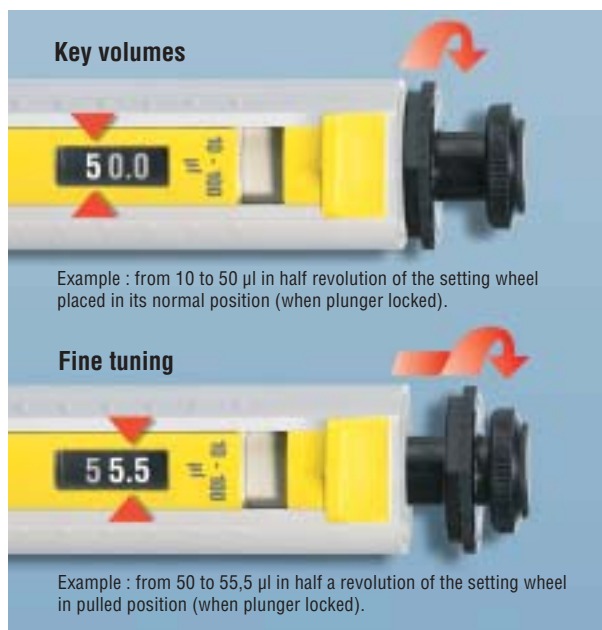


The “Solid Calibration®”

Key element of the Calibra line, the Twin Cam Solid Calibration® System with pre-calibrated steps, provides for true digital volume entry and numerical display. Three advantages have to be highlighted :

- **Instant volume adjustment**

The dual incrementation provides for fast setting of all key increments, skipping intermediary volumes. Secondary increments adjusted in no time when required.



- **Long term performance**

The pre-calibrated steps ensure high accuracy and precision in both forward and reverse pipetting modes.

- **Calibration reliability**

Long term stability guaranteed even under intensive use. Calibration rarely required but easily performed. In accordance with GLP, NCCLS, DIN 12650, ISO/DIS 8655.



Calibration screw located under comfort pad of plunger button. (Key supplied with instrument.)

Comfort and safety

Ergonomy, light weight and soft plunger travel bring added comfort through limited hand fatigue. Volume setting and tip ejection are easy and glove friendly. No unwanted volume alteration or detipping.

Large ejector button surface for easy manipulation.



Maintenance and sterilization



The instrument can be autoclaved at 121 °C fully assembled. Limited to a minimum, maintenance is simple to perform by laboratory personnel.

Warranty




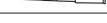






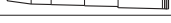



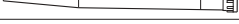




Manufactured in an ISO 9001 certified plant, each pipette bears its own identification number and calibration certificate conforming to all international standards. Guaranteed for a period of 3 years against any factory or material defects.

The Socorex Qualitips®








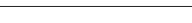
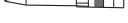
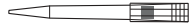
Superior pipette tips cover a range between 0.2 µl and 10 ml. All models autoclavable. Optimal tightness fitting on Socorex pipettes and broad compatibility with other brands. Ask for detailed leaflet.

Standard tips

Symbol	Description	Volume	Racks	Cat. No.	Bags	Cat. No.
 H	Natural ultra-microtip	10 µl	10 x 96/rack	309.0010R	1 x 1000/bag	309.0010B
 E	Natural gel loading tip	10 µl	4 x 204/rack	302.0010GR		
 G	Natural microtip	10 µl	10 x 96/rack	302.0020R	1 x 1000/bag	302.0020B
 +	Natural universal tip	200 µl	10 x 96/rack	307.0200R	2 x 500/bag	307.0200B
 ●	Natural tip	200 µl	10 x 96/rack	308.0200R	1 x 1000/bag	308.0200B
 ✕	Natural gel loading tip	200 µl	4 x 204/rack	308.0200GR		
 ◇	Natural tip	200 µl	10 x 96/rack	309.0200R	2 x 500/bag	309.0200B
 ◐	Yellow tip	200 µl	10 x 96/rack	329.0200R	2 x 500/bag	329.0200B
 ■	Yellow tip	200 µl	10 x 96/rack	328.0200R	2 x 500/bag	328.0200B
 ○	Natural Tip	300 µl	10 x 96/rack	308.0300R	1 x 1000/bag	308.0300B
 ✕	Natural universal tip	1000 µl	10 x 60/rack	307.1000R	4 x 250/bag	307.1000B
 ▲	Blue tip	1000 µl	8 x 60/rack	318.1000R	4 x 250/bag	318.1000B
 ◐	Natural tip	1000 µl	8 x 60/rack	309.1000R	4 x 250/bag	309.1000B
 ■	Blue tip	1000 µl	8 x 60/rack	319.1000R	4 x 250/bag	319.1000B
 ◆	Natural Macrotip	2 ml			2 x 250/bag	312.02
 *	Natural Macrotip	5 ml			2 x 250/bag	312.05
 *	Natural Macrotip	10 ml			3 x 100/bag	312.10

Efficient protection against aerosols. Include high density PE filter for complete, uncontaminated sample retrieval. Certified DNase and RNase free. Sterile tips are guaranteed pyrogenfree.

Filtered pipette tips (all natural color)

Symbol	Description	Volume	Racks	Cat. No.	Bags	Cat. No.
 h	Sterile ultra-microtip	10 µl	10 x 96/rack	309.0010FR		
	Autoclavable ultra-microtip	10 µl	10 x 96/rack	309.0010AFR	1 x 1000/bag	309.0010AFB
 g	Sterile microtip	10 µl	10 x 100/rack	302.0010FR	5 x 100/bag*	302.0010FS
	Autoclavable microtip	10 µl	10 x 100/rack	302.0010AFR	1 x 1000/bag	302.0010AFB
 e	Sterile gel loading tip	10 µl	4 x 204/rack	302.0010GFR		
 ☆	Sterile tip	20 µl	10 x 96/rack	308.0020FR	5 x 100/bag*	308.0020FS
	Autoclavable tip	20 µl	10 x 96/rack	308.0020AFR	1 x 1000/bag	308.0020AFB
 ⚙	Sterile gel loading tip	20 µl	4 x 204/rack	308.0020GFR		
 ○	Sterile tip	100 µl	10 x 96/rack	308.0100FR	5 x 100/bag*	308.0100FS
	Autoclavable tip	100 µl	10 x 96/rack	308.0100AFR	1 x 1000/bag	308.0100AFB
 ◇	Sterile gel loading tip	100 µl	4 x 204/rack	308.0100GFR		
 □	Sterile extended tip	200 µl	8 x 204/rack	308.0200LFR	5 x 100/bag*	308.0200LFS
 ⊙	Sterile tip	300 µl	10 x 96/rack	308.0300FR		
	Autoclavable tip	300 µl	10 x 96/rack	308.0300AFR	1 x 1000/bag	308.0300AFB
 ◐	Sterile tip	1000 µl	10 x 100/rack	309.1000FR	5 x 100/bag*	309.1000FS
	Autoclavable tip	1000 µl	10 x 100/rack	309.1000AFR	1 x 1000/bag	309.1000AFB

*single wrapped

SOCOREX ISBA S.A. - CH. CHAMP-COLOMB 7
P.O. BOX - 1024 ECUBLENS/LAUSANNE - SWITZERLAND
TEL. +41 21 634 26 72 FAX +41 21 634 27 83
E-mail : socorex@socorex.ch www.socorex.ch



Your distributor :