

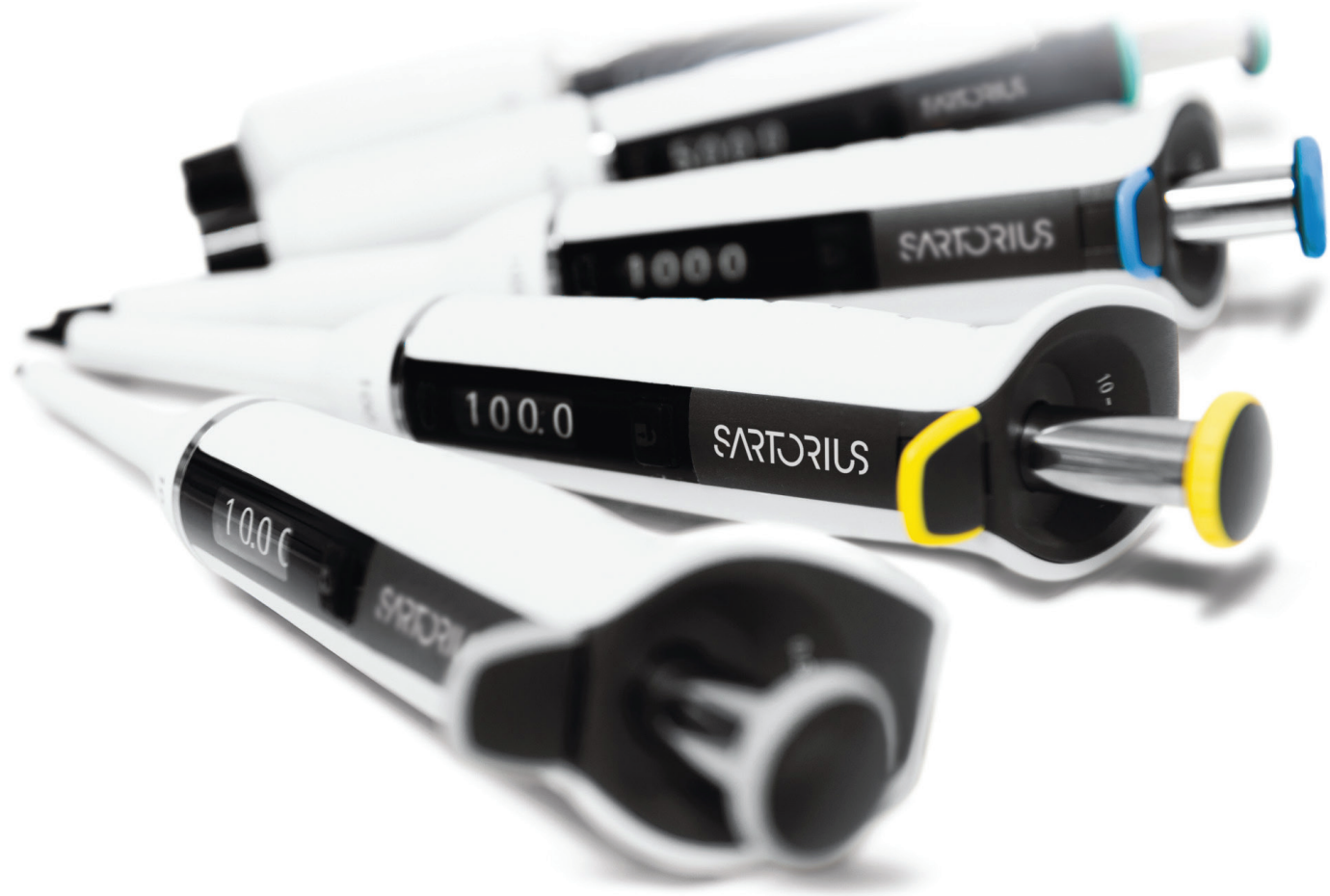
Tacta Manual Pipettes

Optimal Care for You and Your Science



Product Brochure





Tacta - The New Refined Pipetting Experience

Optimal Care for You and Your Science

Each time you pick up your pipette do you consider your overall user experience? We do.

The way it feels and performs will affect your results.

Alpha Laboratories proudly presents Tacta, the new premium manual pipette from Sartorius that brings you optimal comfort and reliability. Tacta makes pipetting effortless and safe, while producing accurate and reliable results time after time.

Extensive experience and state-of-the-art R&D has created the exceptionally balanced design of Tacta. It feels great in your hand, and is so easy and comfortable to use. Using the most carefully selected materials, each Tacta component is designed to meet the highest standards.

- Ergonomically designed handle for maximum comfort
- Low pipetting and tip ejection forces that reduce the risk of Work Related Upper Limb Disorder (WRULD)
- Controlled and smooth tip ejection with the new Sartorius Optiject technology
- Flexible volume adjustment and locking options with the unique Sartorius Optilock system
- Easy calibration adjustment to provide accurate results, whatever liquid you are using
- Easy to clean, with only three parts to disassemble
- Reliable results, even over lengthy pipetting periods



Feel the Comfort

Superior Ergonomics that Care for You

Tacta rests lightly in your hand thanks to its ergonomically designed handle and finger hook. Together these enable a relaxed hold with no need to grip the handle tightly.

Tacta is effortless to use and exceptionally comfortable to work with. Tacta eases your workload and protects you from strain, even when you pipette for extended periods of your working day.

Low Pipetting, Tip Loading and Ejection Forces

The forces needed throughout a pipetting cycle have all been considered in the Tacta design. From tip attachment to pipetting and finally tip ejection, they are all exceptionally low with Tacta, protecting you from WRULD and RSI (Repetitive Strain Injury)

The Optiload feature, with spring-loaded tip cones in both the single and multichannel models, secures tip loading with perfect sealing and minimal force. Consequently, Optiload also ensures light tip ejection to protect your hand.

Optiload

The light tip ejection is further enhanced by Sartorius Optiject, the soft, levered tip ejection feature that lets the tip detach in a smooth, controlled way with little force.

Large, Clear Display

The large, easy-to-read display helps you to see all four digits of the set volume from a distance without straining your eyes. The volume is easy to read even when the pipette is angled – eliminating the need to turn your head into an uncomfortable position.



Simple Maintenance

Calibration Adjustment for Consistent Accuracy

Tacta is very easy to adjust, for various types of liquids, using a simple key and scale that shows the degree of adjustment required. By noting this value for a specific liquid, you can return to that setting at any time. Easy calibration adjustment ensures accurate results with a variety of liquids every time.

Calibration Adjustment



Volume Adjustment for Complete Security

Use the Sartorius Optilock feature to prevent accidental volume changes during pipetting, using your preferred method. Either hold down the volume lock button with one hand and adjust the volume with the other, then release to lock, or with just one hand, slide the volume lock up, adjust the volume and slide down to lock again. The choice is in your hands.

Optilock

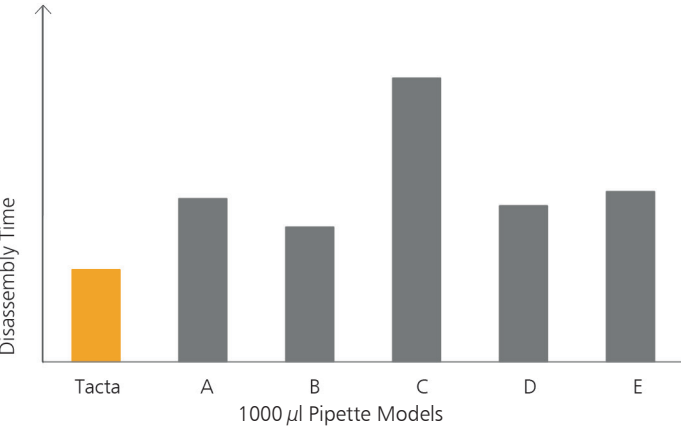


Volume Setting



Easy Cleaning

No need to worry if your pipette gets dirty or contaminated. Tacta is the quickest and easiest pipette to clean, with only three parts to be disassembled and no tools required. Tacta can also be steam-sterilised or autoclaved complete, without disassembly. Also, it has high UV and chemical resistance.



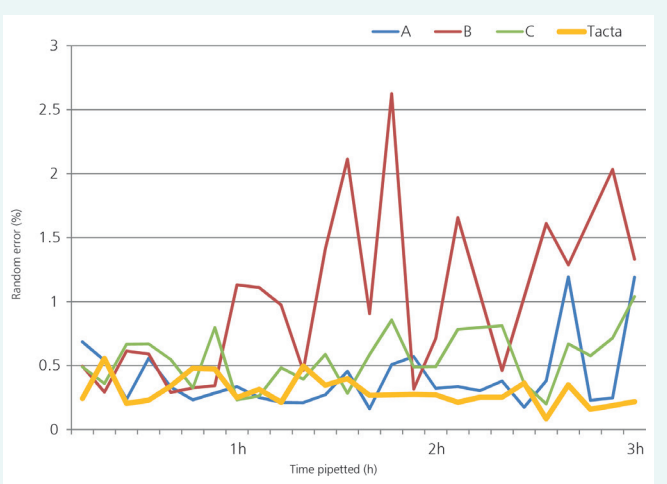
The clever three-part design means the time taken to disassemble Tacta is significantly shorter than for its competitors. This makes pipette cleaning an easy and convenient task for anyone and simplifies routine maintenance. Regular cleaning will ensure reliable results and prolong the life of the pipette.



Proven Precision Means You Always Achieve Reliable Results

The adjacent graph illustrates how the precision of pipetting results is impacted over time when using various pipettes.

Tacta, with its fine-tuned detailed design, creates the most comfortable pipetting experience, producing consistently precise results during prolonged pipetting over a three-hour test period.



The precision of the results was tested over a three-hour period using four pipettes from various manufacturers.

The test was performed by an independent laboratory in accordance with the ISO 8655 standard using 1000 µl pipettes with 1000 µl tips from the corresponding manufacturers.

Storing Your Pipettes

Correct storage of pipettes is important to help keep them in tip-top condition. When your pipette is not in use, it should be stored in an upright position. Keeping pipettes on a stand ensures easy access and prevents damage. It also minimises contamination from the bench top or from liquids running back into the shaft.

The compact Carousel Stand, designed for six pipettes, is ideal for saving bench space. The Linear Stand is designed for all Sartorius manual and electronic pipettes. The simplest solution of all is to attach pipette holders to the front edge of a shelf. All Tactas are supplied with a pipette holder.



Pipette Stands

Product Code	Description
LH-725630	Pipette Carousel for six pipettes
LH-727650	Tacta adapter for Carousel stand
LH-727640	Pipette Holder for one Tacta pipette
725620	Linear Stand

Perfectly Matched Pipette Tips

Complete your Tacta experience with original Sartorius pipette tips for the best performance pipetting system.

Alpha Laboratories supplies the full range of Optifit Tips and SafetySpace Filter Tips that are designed to fit your Tacta pipette perfectly, enabling maximum accuracy and precision.



Tacta Single and Multichannel Pipettes

Product Code	Channels	Volume Range (µl)	Colour Coding	Safe-Cone Filters		Optifit Tips* (µl)	SafetySpace Filter Tips* (µl)
				Standard	Plus		
LH-729010	1	0.1-3		-	-	10	10
LH-729020	1	0.5-10		-	-	10	10
LH-729030	1	2-20		721014	-	200	20
LH-729050	1	10-100		721008	721018	200, 350	120
LH-729060	1	20-200		721007	721017	200, 350	200
LH-729070	1	100-1000		721006	721016	1000	1000
LH-729080	1	500-5000		721005	721015	5000	-
LH-729090	1	1000-10000		721005	721015	10000	-
LH-729120	8	0.5-10		-	-	10	10
LH-729130	8	5-100		721008	721018	200, 350	120
LH-729140	8	30-300		721007	721017	350	300
LH-729220	12	0.5-10		-	-	10	10
LH-729230	12	5-100		721008	721018	200, 350	120
LH-729240	12	30-300		721007	721017	350	300

*Low Retention Tips are available in volumes up to 1200µl.

Tacta Multipacks

Tacta Multipacks offer additional economical benefits when buying a range of Tacta pipettes. You can choose from eight Starter Kits that include from three to five Tacta pipettes, a rack (or bag) of tips of each required tip size, a holder for each pipette and a linear stand.

Product Code	Description	Contents (Also includes a Linear Stand & Holder for each Pipette)
LH-729670	Tacta Pipette 3-pack 10	Tacta Pipettes 0.5-10µl, 10-100µl, 100-1000µl ; Optifit Tips 0.2-10µl, 0.5-200µl, 10-1000µl
LH-729671	Tacta Pipette 3-pack 20	Tacta Pipettes 2-20µl, 20-200µl, 100-1000µl ; Optifit Tips 0.5-200µl, 10-1000µl
LH-729672	Tacta Pipette 4-pack 20	Tacta Pipettes 0.5-10µl, 2-20µl, 20-200µl and 100-1000µl ; Optifit Tips 0.1-10µl, 0.5-200µl, 10-1000µl
LH-729673	Tacta Pipette 4-pack 100	Tacta Pipettes 0.5-10µl, 10-100µl, 20-200µl and 100-1000µl; Optifit Tips 0.1-10µl, 0.5-200µl, 10-1000µl
LH-729674	Tacta Pipette 5-pack 10	Tacta Pipettes 0.5-10µl, 10-100µl, 20-200µl, 100-1000µl and 500-5000µl. Optifit Tips 0.5-200µl, 10-1000µl, 5000µl
LH-729675	Tacta Pipette 5-pack 20	Tacta Pipettes 2-20µl, 10-100µl, 20-200µl, 100-1000µl and 500-5000µl. Optifit Tips 0.5-200µl, 10-1000µl, 5000µl
LH-729676	Tacta Pipette 3+1 pack	Tacta Single Channel Pipettes 0.5-10µl, 20-200µl, 100-1000µl and an 8-channel 30-300µl Tacta Pipette. Optifit Tips 0.1-10µl, 0.5-200µl, 3-350µl, 10-1000µl
LH-729677	Tacta Pipette 3-pack Max	Tacta 100-1000µl, 500-5000µl, 1-10ml Optifit Tips 10-1000µl, Loose Optifit Tips - 0.1-5ml and 1-10ml

Service and Support from Alpha Laboratories

Regular service and calibration will ensure that the precision and accuracy of your pipettes are maintained, so that your results are never compromised. As the liquid handling partner of choice for Sartorius, Alpha Laboratories offers a comprehensive range of service and calibration options for your pipettes. These can be performed either on-site or by sending them to our fully equipped workshop.

In addition, Alpha Laboratories' liquid handling experts provide free training through on-site Pipetting Academy seminars and workshops to help all users develop their techniques and maximise their pipetting performance.



For more information and ordering, visit our website at www.alphalabs.co.uk/tacta