Proline® Mechanical Pipettes

Affordable Reliability

The fact that Proline®, our first mechanical pipette, is still in use in many laboratories by over 200 000 users, testifies to its timeless, practical design and reliability. Being the most affordable pipette in Sartorius' range of mechanical pipettes, it is ideal for universities and colleges, or any laboratory seeking a cost-efficient liquid handling tool.

Due to its relatively light weight, high accuracy and precision, it is used by many professionals.

Proline® can be used with many universal tip brands and the range includes also fixed volume models, which makes it a flexible tool for various laboratories.

Features and Benefits

- Wide range of pipettes, both adjustable and fixed volume
- Volume range from 2,5 µl (5 µl for fixed) to 5 ml
- Easy volume setting with click stop mechanism
- Safe-Cone Filters available for models > 10 µl
- User adjustment e.g. for different liquids



2 YEAR WARRANTY

Ergonomic Design Sartorius

CE IVD

Ordering Information

Proline® Order Code	Channels		Volume Range (µl)	Increment (µl)	Test Volume (µl)	Systematic Error [N] Limit ± (%)	(µl)	Random Error [N] Limit (%)	(µl)
720010	1	●	0.1 – 2.5	0.05	2.5	2.5	0.063	2.0	0.050
					1.25	3.0	0.038	3.0	0.038
					0.3	12.0	0.036	6.0	0.018
720015	1	●	0.5 – 10	0.10	10	1.0	0.100	0.8	0.080
					5	1.5	0.075	1.5	0.075
					1	3.0	0.030	2.0	0.020
720080	1	●	2 – 20	0.50	20	1.0	0.200	0.5	0.100
					10	1.4	0.140	0.9	0.090
					2	4.0	0.080	3.0	0.060
720025	1	●	5 – 50	0.50	50	1.0	0.500	0.3	0.150
					25	1.4	0.350	0.6	0.150
					5	3.0	0.150	2.0	0.100
720050	1	●	10 – 100	1.00	100	0.8	0.80	0.2	0.20
					50	1.0	0.50	0.4	0.20
					10	3.0	0.30	1.0	0.10
720070	1	●	20 – 200	1.00	200	0.6	1.20	0.2	0.40
					100	0.8	0.80	0.3	0.30
					20	2.5	0.50	0.9	0.18
720060	1	●	100 – 1,000	5.00	1,000	0.7	7.0	0.2	2.0
					500	0.8	4.0	0.25	1.25
					100	2.5	2.5	0.7	0.7
720110	1	●	1,000 – 5,000	50.0	5,000	0.6	30	0.2	10
					2,500	0.7	17.5	0.3	7.5
					1,000	1.2	12	0.3	3
720210	8	●	0.5 – 10	0.10	10	1.5	0.150	1.5	0.150
720310	12				5	2.5	0.125	2.5	0.125
					1	5.5	0.055	4.0	0.040
720220	8	●	5 – 50	0.50	50	1.0	0.500	0.5	0.250
720320	12				25	1.5	0.375	1.0	0.250
					5	3.0	0.150	2.0	0.100
720240	8	●	50 – 300	5.00	300	0.7	2.10	0.25	0.75
720340	12				150	1.0	1.50	0.5	0.75
					50	1.5	0.75	0.8	0.40

[N] Note: The listed systematic and random error values can be achieved only under strictly controlled conditions during type tests per ISO 8655. Due to the continuous product development by Sartorius, the systematic and random error values are subject to change without prior notice.



Tip Selection Guide

Pipette Colour-Code	Safe-Cone Filters Standard	Plus	Optifit Tip [LRT] Colour-Code	Volume	SafetySpace Tip [LRT] Colour-Code	Volume
●	–	–	● ●	0.1 – 10 µl 0.1 – 10 µl Extended	● ●	0.1 – 10 µl 0.1 – 10 µl Extended [FT]
●	–	–	● ●	0.1 – 10 µl 0.1 – 10 µl Extended	● ●	0.1 – 10 µl 0.1 – 10 µl Extended [FT]
●	721014	–	●	0.5 – 200 µl	●	0.5 – 20 µl
●	721008	721018	● ●	0.5 – 200 µl 5 – 350 µl	●	2 – 120 µl
●	721008	721018	● ●	0.5 – 200 µl 5 – 350 µl	●	2 – 120 µl
●	721007	721017	● ●	0.5 – 200 µl 5 – 350 µl	● ●	5 – 200 µl 5 – 300 µl
●	721006	721016	● ●	10 – 1,000 µl 10 – 1,000 µl Wide Bore	●	50 – 1,000 µl
●	721005	721015	●	100 – 5,000 µl	–	–
●	721005	721015	●	500 – 10,000 µl	–	–
●	–	–	● ●	0.1 – 10 µl 0.1 – 10 µl Extended	● ●	0.1 – 10 µl 0.1 – 10 µl Extended [FT]
●	721008	721018	● ●	0.5 – 200 µl 5 – 350 µl	●	2 – 120 µl

[LRT] Note: Low Retention Tips are available in volumes up to 1,200 µl.
[FT] Note: Filter tip with regular air gap. The 10 µl Extended tip's systematic error and random error results, in tests, deviated slightly from those of the 10 µl tip

The best compatibility is achieved when combining Sartorius pipettes and Sartorius tips. The systematic error and random error results, in tests, have been achieved using the listed Sartorius tips and pipettes.

