

eLINE[®] Electronic Pipettes

Proven Convenience, Reliability and Speed



Proven Convenience, Reliability and Speed With a Great Price-Performance Ratio

The electronic eLINE® pipette family offers a great price-performance ratio for those of you who seek a cost-effective "companion" for repetitive pipetting, where convenience, accuracy and speed are mission-critical.

eLINE®'s ergonomic design eases your workload and reduces the risk of strain injury especially in long periods of pipetting. Fully electronic operation with electronic piston control secures accurate and precise results regardless of the user skill level.

One eLINE® can be used for several liquid handling tasks from regular pipetting to diluting with mixing, and automatic repetitive dispensing in order to ease and speed up your work. In addition, with their wide volume ranges, the eLINE® pipettes often cover the range of two mechanical pipettes. With user-independent results, the versatile pipetting modes and a wide volume range, one eLINE® offers great value compared to several mechanical pipettes.



Due to its reliability and user-independent results, eLINE® is an ideal tool for the following applications:

- PCR and other DNA/RNA techniques
- ELISA
- Protein analysis
- Cell culture



Join the Over 100 000 Professionals Who Benefit from eLINE®

Convenience – Reduced Risk of Strain Injury

- Fully electronic operation minimizes the force needed to operate the pipette
- Electronic tip ejection ensures light removal of tips, also with multichannel pipettes
- The ergonomic design of the handle and easy-to-reach operating buttons, allow convenient single-handed operation for both right and left-handed users
- The convenient finger hook provides proper support to minimize grip force



Reliable Results

- Electronic piston movement, electronic brake and piston control guarantee accurate and reliable pipetting results, regardless of the user skill level
- The Optiload feature in multichannel models permits tip loading with perfect tip sealing onto every tip cone to ensure accuracy
- Safe-Cone Filters prevent the risk of contamination cost-effectively

Speed

- The versatile pipetting modes reduce the work stages needed, enabling significantly faster liquid handling than a mechanical pipette
- Electronic multichannel models enable pipetting on microwell plates considerably faster than mechanical ones
- Speed setting available for both aspiration and dispensing

Pipetting Modes

Main Mode	Advanced Features		
	Mixing	Counter	Auto-Dispensing (Timed)
Pipetting	✓	✓	✓
Reverse Pipetting	✓		
Manual Pipetting1	✓		
Multi-Dispensing	✓		✓
Diluting	✓	✓	
Sequential Dispensing2	✓		
Multi-Aspirating	✓		
Super Pipetting	✓	Only available in eLINE® 0,1–5 µl	

1) Not available in eLINE® multichannel pipettes

2) Not available in eLINE® 0,1–5 µl model



Charging Stand for 1 pipette



Charging Carousel for 4 pipettes



Linear Stand (non-charging)

Charging Options

The eLINE® electronic pipettes can be charged with a 1-place Charging Stand, a 4-place Charging Carousel or a direct charging AC-adaptor. The variety of charging options has been designed for optimal utility. It is possible to continue pipetting while the eLINE® is being charged through the AC-adaptor. The compact design of the 4-pipette Charging Carousel is ideal for saving bench space in a laboratory. The 4-place rotating head provides easy access to the desired unit. Storing the pipette in an upright position on a stand also prevents contamination from tables and desk tops.

Ordering Information

Pipette Stands and Accessories

Order Code	Item
730981	Charging Stand for one pipette
730991	Charging Carousel for 4 pipettes
725620	Linear Stand (non-charging)
731009	eLINE® replacement battery

Charging stands are supplied with universal AC-adaptor (EU, US | JPN, UK, CHN, AUS, KOR plugs).

Ordering Information

Order Code	Channels		Volume Range (µl)	Increment (µl)	Test Volume (µl)	System. Error * (%)	Random Error * (%)	Safe-Cone Standard	Filters Plus	Optifit Tips*** (µl)	SafetySpace Filter Tips*** (µl)
730011	1		0,1-5	0,05	5 2,5 0,5	1,20 2,00 12,00	0,70 1,20 8,00	–	–	10	10
730021	1		0,2-10	0,05	10 5 1	1,00 1,40 4,00	0,40 0,70 2,30	–	–	10	10
730041	1		5-120	0,50	120 60 12	0,60 0,90 3,00	0,20 0,20 1,00	721008	721018	200 350	120
730061	1		10-300	1,00	300 150 30	0,60 0,60 1,50	0,15 0,20 0,80	721007	721017	350	300
730081	1		50-1000	5,00	1000 500 100	0,40 0,60 1,60	0,15 0,20 0,50	721006	721016	1000	1000
730101**	1		100-5000	10,0	5000 2500 500	0,50 0,80 1,60	0,17 0,20 0,40	721006	721016	5000	–
730321	8		0,2-10	0,05	10 5 1	0,90 1,50 4,00	0,60 0,90 3,50	–	–	10	10
730341	8		5-120	0,50	120 60 12	0,80 0,80 3,00	0,30 0,35 1,50	721008	721018	200 350	120
730361	8		10-300	1,00	300 150 30	0,70 0,90 3,00	0,20 0,30 1,20	721007	721017	350	300
730391	8		50-1200	5,00	1200 600 120	0,90 1,20 2,50	0,30 0,30 0,80	721006	721016	1200	1200
730421	12		0,2-10	0,05	10 5 1	0,90 1,50 4,00	0,60 0,90 3,50	–	–	10	10
730441	12		5-120	0,50	120 60 12	0,80 0,80 3,00	0,30 0,35 1,50	721008	721018	200 350	300
730461	12		10-300	1,00	300 150 30	0,70 0,90 3,00	0,20 0,30 1,20	721007	721017	350	300
730491	12		50-1200	5,00	1200 600 120	0,90 1,20 2,50	0,30 0,30 0,80	721006	721016	1200	1200

All pipettes are supplied with a universal charger (EU, UK, US/JPN, AUS, KOR and CHN plugs)

* The listed systematic and random error values are valid for Pipetting (P) mode only and are achieved under strictly controlled conditions during type tests per ISO 8655. Due to the continuous product development by Sartorius, the systematic and random error values may change without prior notice.

** NOTE: Minimum volume in P-mode is 500 µl. 100 µl is possible in multi-dispensing (d) mode.

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

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