

Low Force
Technology
for Effortless
Operation

Compatibility
Assured with
LTS™ Tips

Magnet
Assisted
Piston for
Precision



Accupet L
Single-channel

Evolutionary Laboratory Pipetting: Introducing the Accupet L Series for Unmatched Precision and Comfort

Oxford Accupet L System is user friendly and fully autoclavable, designed to dramatically reduce repetitive motion stress and injuries.

Oxford Lab Products, a pioneer in laboratory instrumentation, proudly announces the release of its next generation Accupet L-Series Pipette, setting a new standard in laboratory pipetting with advanced technology, precision and affordability.

The Accupet L-Series Pipette boasts an array of innovative features designed to enhance laboratory workflows and elevate user experience, including a five-year warranty:

Low Force Technology for Effortless Operation: The L-Series Pipette incorporates Low Force Technology, ensuring smooth and effortless operation as well as effortless tip ejection. Its cylindrical tip and shaft form a light, perfect seal, eliminating the need for forceful maneuvers and ensuring accurate and consistent results.

Compatibility Assured with LTS™ Tips: A quality value alternative to the Rainin™ LTS™ line of pipettes and tips, the L-Series Pipette accommodates tips in volume ranges from 2 µL up to 1200 µL. Compatible LTS™ tips are available in all packaging and sterility formats, including bulk bags, reload stacks, racked, sterile, filtered/barrier, and low retention. These tips maintain an airtight seal during aspiration allowing users to maintain consistent pipetting with no sample loss.

Ergonomic Design for Enhanced Comfort and Productivity: The L-Series Pipette features an innovative and ergonomic design with optimal weight distribution, reducing hand and arm strain, and providing total comfort during extended usage. Its lightweight build and lower spring forces allow for longer periods of pipetting without fatigue, resulting in higher productivity.

Ergonomic
Design for
Enhanced Comfort
& Productivity

Compatibility
Assured with
LTS™ Tips

4-Digit Display
with Volume
Lock Setting



Accupet L
8-channel

Magnet Assisted Piston for Precision: The magnet-assisted piston delivers consistently precise results by providing a clear difference between the first and second stop without heavier spring usage, ensuring consistent aspiration-dispensing with extremely low pipetting force.

Other Key Benefits Include:

- Large and clear 4-digit display with volume lock setting for accurate dispensing.
- Highly durable material and UV resistance to protect against chemical corrosion, physical shocks, and harmful UV rays.
- Fully autoclavable for high sterilization efficacy, eliminating pathogens and ensuring safety.
- Easy in-house calibration and tool-free cleaning for low maintenance and optimal performance.
- Color coding and shelf mounting, and carousel stands for easy identification and storage.
- Calibration as per ISO 8655-6 and ISO 17025 accreditation for accurate measurements, technical competency, and global standard compliance.
- Full 5-Years Warranty - Extra Level of Quality Assurance:
The Accupet L-Series comes with a five-year warranty, providing peace of mind and an additional layer of confidence in quality assurance, durability and pipetting performance.
- Available in single, 8, and 12-channel models.

Full 5-Years
Warranty

Compatibility
Assured with
LTS™ Tips

Lightweight
and Fully
Autoclavable

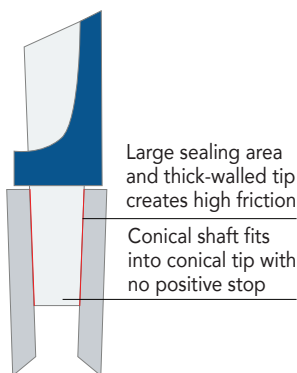


Accupet L
12-channel

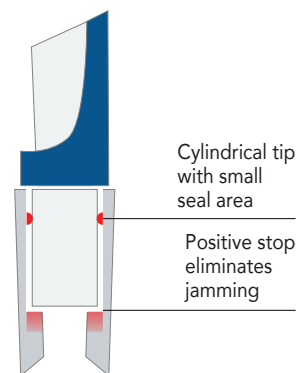
Low Force Technology:

- Low Force Technology with cylindrical tip.
- Lower force ejection technology ensures smooth and effortless operation, while reducing hand vibrations during tip ejection, giving accurate and consistent results.
- Usually, pipettes have conical shafts that rely on friction to hold the tips firmly. Hence it is typically required to bang the pipette into the tip to achieve a reliable seal and that force is applied by thumb. Low force technology with its cylindrical tip and shaft mechanism eliminates these forces to deliver a much more comfortable pipetting experience.
- For additional information, refer to our “Ejection Force Study” – call today!

Traditional Pipetting High Forces



Low Force cylindrical tip & shaft Low Forces



The high cost of hand fatigue due to high force and repetition lead to:



Reduced pipetting
accuracy



Decreased
productivity



Repetitive strain
injuries

**Accupet L -
Available in
Single-channel,
8-channel and
12-channel
Models**



CAT ID: OA-CS

Low Force Pipette Single Channel

Variable Volume Micropipettes

Cat. No.	Volume Range [μ l]	Increments [μ l]	Test Volume [μ l]	Accuracy (\pm) %	Precision (\pm) %
APL-2.5	0.1-2.5	0.002	0.25	-0.6	2.1
			1.25	0.3	1
			2.5	-0.3	0.7
APL-10	0.5-10	0.02	1	0	1.4
			5	0.5	0.5
			10	0.1	0.3
APL-20	2-20	0.02	2	-0.5	0.7
			10	0	0.2
			20	0.2	0.2
APL-50	5-50	0.1	5	-0.1	-0.1
			25	-0.2	0.1
			50	0.3	0
APL-100	10-100	0.1	10	-0.1	0.5
			50	-0.2	0.2
			100	0.3	0.1
APL-200	20-200	0.2	20	-0.3	0.4
			100	0.1	0.2
			200	0.3	0.1
APL-1000	100-1000	1	100	-0.2	0.4
			500	0.1	0.2
			1000	0.2	0.1

Fixed Volume Micropipettes

Cat. No.	Volume Range [μ l]	Accuracy (\pm) %	Precision (\pm) %
APLF-2.5	2.5	-0.3	0.7
APLF-5	5	0.5	0.5
APLF-10	10	0.1	0.2
APLF-20	20	0.2	0.2
APLF-25	25	-0.2	0.1
APLF-50	50	0.3	0.2
APLF-100	100	0.3	0.1
APLF-200	200	0.3	0.1
APLF-250	250	0.4	0.4
APLF-500	500	0.1	0.2
APLF-1000	1000	0.2	0.1

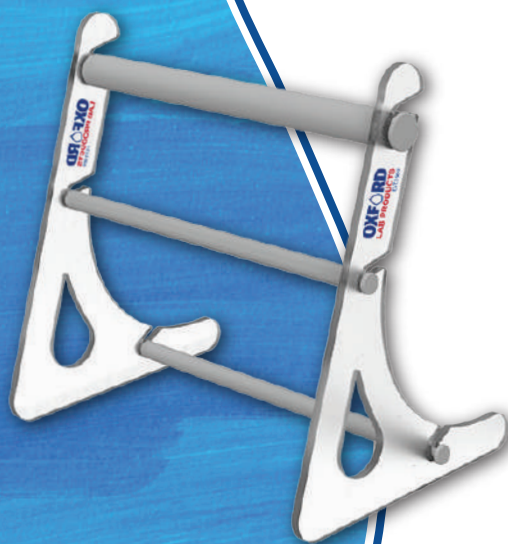
Low Force Pipette 8 Channels & 12 Channels

Variable Volume Micropipettes

Cat. No.	Volume Range [μl]	Increments [μl]	Test Volume [μl]	Accuracy (±) %	Precision (±) %
APL8-10 APL12-10	0.5-10	0.02	1	8	5
			5	4	2
			10	2	1
APL8-20 APL12-20	2-20	0.02	2	7	3
			10	3	2
			20	2	1.6
APL8-50 APL12-50	5-50	0.1	5	3	2
			25	1.5	1
			50	1	0.7
APL8-100 APL12-100	10-100	0.1	10	3	2
			50	1	0.8
			100	0.8	0.3
APL8-200 APL12-200	20-200	0.2	20	5	1.4
			100	1	0.4
			200	0.7	0.25
APL8-300 APL12-300	30-300	0.2	30	3	1
			150	1	0.5
			300	0.6	0.3

LTSTM Compatible Tip

Oxford LTSTM Compatible Tips	Oxford SKU	Description
20 μL	LTR-20-L	20uL LTSTM Compatible Low Retention Pipette Tips, Racked, 96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case.
	LTR-20-SL	20uL LTSTM Compatible Low Retention Pipette Tips, Sterile, Racked, 96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case.
	LTR-20-SLF	20ul LTSTM Compatible, Sterile, Low Retention, Filter 96 tips/rack, 10 racks/pack, 5 packs/case.
	LTR-20-LR	20uL LTSTM Compatible, Low Retention Pipette Tips Reload Stack, 96 Tips/Reload, 10 Reloads/Stack, 10 Stacks/Case.
200 μL	LTR-200-L	200uL LTSTM Compatible Low Retention Pipette Tips, Racked, 96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case.
	LTR-200-SL	200uL LTSTM Compatible Low Retention Pipette Tips, Sterile, Racked, 96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case.
	LTR-200-SLF	200ul LTSTM Compatible, Sterile, Low Retention, Filter 96 tips/rack, 10 racks/pack, 5 packs/case.
	LTR-200-LR	200uL LTSTM Compatible, Low Retention Pipette Tips Reload Stack, 96 Tips/Reload, 10 Reloads/Stack, 10 Stacks/Case.
1000 μL	LTR-1000-L	1000uL LTSTM Compatible Low Retention Pipette Tips, Racked, 96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case.
	LTR-1000-SL	1000uL LTSTM Compatible Low Retention Pipette Tips, Sterile, Racked, 96 Tips/Rack, 10 Racks/Pack, 5 Packs/Case.
	LTR-1000-SLF	1000ul LTSTM Compatible, Sterile, Low Retention, Filter 96 tips/rack, 10 racks/pack, 5 packs/case.
	LTR-1000-LR	1000uL LTSTM Compatible, Low Retention Pipette Tips Reload Stack, 96 Tips/Reload, 5 Reloads/Stack, 10 Stacks/Case.



CAT ID: OB-S



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