

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

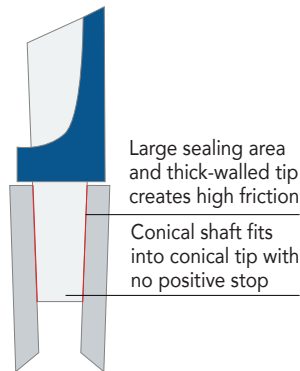


Accupet L  
12-channel

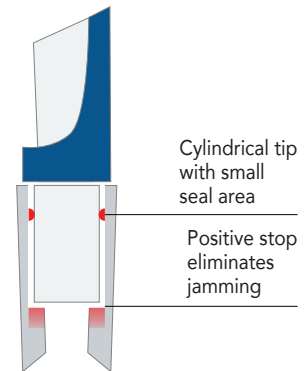
## Low Force Technology:

- 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 [ $\mu$ l]	Increments [ $\mu$ l]	Test Volume [ $\mu$ 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 [ $\mu$ 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 [ $\mu$ l]	Increments [ $\mu$ l]	Test Volume [ $\mu$ l]	Accuracy ( $\pm$ ) %	Precision ( $\pm$ ) %
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 $\mu$ L	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 $\mu$ L	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 $\mu$ L	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

# OXFORD

## LAB PRODUCTS



### **Oxford Lab Products USA**

9477 Waples Street #120

San Diego, CA 92121

[www.oxfordlp.com](http://www.oxfordlp.com)

[info@oxfordlp.com](mailto:info@oxfordlp.com)