

Take them for a spin

The NEW IMPROVED! Fisherbrand repeating pipette is comfortable, dependable and simple to operate. In conjunction with Fisherbrand dispenser tips, the instrument offers 59 different volume settings with accuracy and precision.

- **Comfortable:** Slim design is lightweight, well-balanced, and provides a convenient control layout for smooth dispensing and one handed volume selection.
- **Reliable:** Robust construction incorporates innovative corrosion-resistant polymers for a dependable instrument.
- **Ready-To-Go:** A purely mechanical design (no batteries to worry about) means the instrument is ready when you are. A convenient integrated volume table provides a quick reference for dispensed volumes.
- **Flexible:** Ten tip sizes for 59 different dispense volumes. Open design allows use of third party tips, no more being locked into a sole source!
- **Contact-Free:** A tip ejection system allows the user to remove tips without handling.



## Dispenser

### Fisherbrand Repeating Pipette

EA	13-668-722
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## Dispenser Tips

Capacity mL	Packaging	Non-Sterile Cat. No.	Sterile Cat. No.
0.1mL	100/pack	13-668-700	13-668-710
0.5mL	100/pack	13-668-701	13-668-711
1mL	100/pack	13-668-702	13-668-712
1.25mL	100/pack	13-668-703	13-668-713
2.5mL	100/pack	13-668-704	13-668-714
5mL	100/pack	13-668-705	13-668-715
10mL	100/pack	13-668-706	13-668-716
12.5mL	100/pack	13-668-707	13-668-717
25mL	50/pack	13-668-708	—
25mL	25/pack	—	13-668-718
50mL	25/pack	13-668-709	13-668-719
Tip adapters 25 & 50mL tips	10/pack	13-668-720	—
Tip adapters 25 & 50mL tips	5/pack	—	13-668-721

Fisherbrand is a registered trademark of Fisher Scientific.

Fisherbrand Dispenser Tips are manufactured from high-quality virgin plastics for use with all standard repeating pipettes in a wide variety of applications. The Tips are made without chemical additives to prevent reagent contamination.

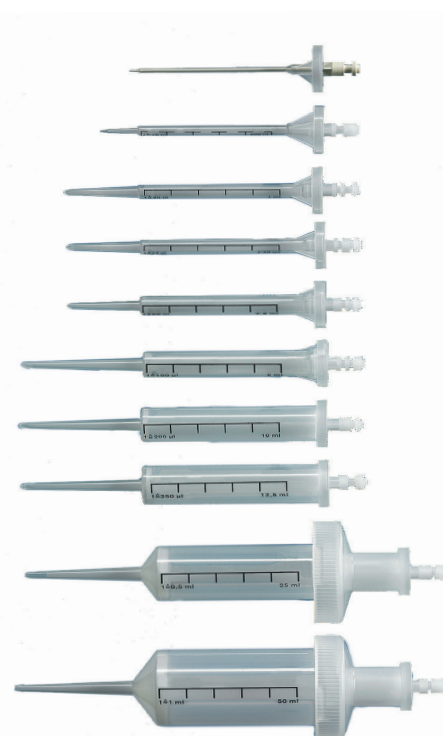
- Compatible with Most Pipettes:** Fisherbrand Dispenser Tips are an excellent choice for the Fisherbrand repeating pipette or any repeating pipettes using standard tips including: the BRAND HandyStep® S; HandyStep® electronic; the black-handled Eppendorf®; Repeater®\*; the Rainin® AutoRep™ E; AutoRep™ M, and the Gilson® Repetman®.
- Reliable:** A precision seal between the piston and cylinder ensure smooth operation, increased accuracy, and increased precision. Extended piston design minimizes dead volume and maximizes fluid utilization.
- Manufactured from High Quality Materials:** Tips are made entirely from high-quality virgin polyethylene and polypropylene. (Piston of 0.1mL tip is liquid crystal polymer-LCP).

\* The Eppendorf Repeater Plus, Repeater Pro, Stream, and XStream are designed to preclude their operation with any tips other than Eppendorf Combitips Plus.

## Accuracy Table

### Fisherbrand Repeating Pipetter & Dispenser Tips

Nominal Volume Tip mL	Volume Range µL	A* ≤ ± % Stroke setting ≅ % of nominal volume			CV* ≤ % Stroke setting ≅ % of nominal volume		
		1 ≅ 2%	3 ≅ 6%	5 ≅ 10%	1 ≅ 2%	3 ≅ 6%	5 ≅ 10%
0.1	2-10	8.0	2.7	1.6	5.0	3.0	2.0
0.	10-50	4.0	1.33	0.8	1.4	0.73	0.6
1	20-100	4.0	1.33	0.8	1.0	0.38	0.4
1.25	25-125	4.0	1.33	0.8	0.8	0.38	0.3
2.5	50-250	3.5	1.17	0.7	0.8	0.3	0.2
5	100-500	2.5	0.83	0.5	0.6	0.27	0.2
10	200-1000	1.5	0.5	0.4	0.5	0.23	0.2
12.5	250-1250	1.5	0.5	0.3	0.3	0.23	0.2
25	500-2500	1.5	0.5	0.3	0.4	0.23	0.2
50	1000-5000	1.5	0.5	0.3	0.4	0.23	0.15



## Volume settings available when using the Fisherbrand Repeating Pipetter & Dispenser Tips

Setting	Tip Size, mL										Steps
	0.1	0.5	1	1.25	2.5	5	10	12.5	25	50	
1	2	10	20	25	50	100	200	250	500	1000	49
1.5	3	15	30	37.5	75	150	300	375	750	1500	32
2	4	20	40	50	100	200	400	500	1000	2000	24
2.5	5	25	50	62.5	125	250	500	625	1250	2500	19
3	6	30	60	75	150	300	600	750	1500	3000	15
3.5	7	35	70	87.5	175	350	700	875	1750	3500	13
4	8	40	80	100	200	400	800	1000	2000	4000	11
4.5	9	45	90	112.5	225	450	900	1125	2250	4500	10
5	10	50	100	125	250	500	1000	1250	2500	5000	9
	Volume, µL										

### Operating limits and exclusions

Liquids unsuitable for use with the Fisherbrand repeating pipette & dispenser tips include, but are not limited to, those with:

- vapor pressure exceeding 500mbar
- viscosity: 20mPa S with 50mL tips; 260mPa S with 5mL Tips; 977mPa S with 1mL Tips
- reagents that attack PP (Tip cylinder), HDPE (Tip piston), LCP (Tip piston 0.1mL) or PC/PBT and polycarbonate
- temperature of instrument and reagent must be between 59° and 40°C (15° and 104°F).

### Items supplied

The Fisherbrand repeater is supplied with:

- Performance certificate
- Shelf/rack mount
- One each: 0.1mL, 1mL & 10mL syringe tips
- Operating manual