

**Premium Disposable Plastic**

**Serological Pipets**

Standard wide or open-end available for transferring liquids and suspensions of different viscosities. All pipets are virgin polystyrene, certified pyrogen-free and non-cytotoxic. Non-toxic color-coded cotton plugs provide easy size identification.

Sizes from 1 mL to 25 mL have unique smooth one-piece construction. There are no seams at the mouthpiece or tip ends, thus no possibility of sample hang-up or accidental breakage due to irregularities or weakness. One-piece construction also provides improved accuracy with calibration to deliver (TD) at  $\pm 1.5\%$ .

Sizes from 5 mL to 25 mL are two inches shorter than other typical pipettes, for ease of use under benchtop hoods especially with pipet bulbs and controllers. In addition, new 5 mL and 10 mL "Shorty" pipets now available are even shorter than the standard models, for ease of use in really tight spots.

Open-end and wide-tip pipets yield faster flow rates and reduce shearing for food, meat, cosmetics, oils, paint, sludge and cell-culture applications. The 1.1 mL and 2.2 mL bacteriological pipets meet the A.P.H.A. standards for examination of dairy products.

Sterile pipets are available individually wrapped or bulk packaged. Individually wrapped sterile pipets are provided in static-free, one-side-paper one-side-plastic packaging that can be opened by peeling the end or by pushing the pipet through the paper side.



**Advantages:**

- One piece, virgin polystyrene construction
- Unique smooth one-piece construction eliminates sample hang-up and accidental breakage
- Standard 5, 10 and 25ml pipets are two inches shorter than most, for ease of use in benchtop hoods, yet long and narrow enough to each corners of all flasks.
- Superior accuracy  $\pm 1.5\%$
- Color-coded cotton-plugs provide easy identification (non sterile pipets do not include cotton plugs)
- Irradiation sterilized
- Available individually packaged or in multi-packs

\* sizes not exactly as shown

**1ml Pipets**

Item No.	Description	Length	Graduation Interval (ml)	Negative Graduations (ml)	Tip ID (mm)	Qty (Box)
SP01I-500	1ml Standard-Sterile (Ind. wrapped)	10.67"	0.01	0.3	1.3-1.8	500
SP01B-1T	1ml Standard-Sterile (25 Per Bag)	10.67"	0.01	0.3	1.3-1.8	1,000
SP01N-2T	1ml Standard-(Bulk Pkg-Non-Sterile)	10.67"	0.01	0.3	1.3-1.8	2,000

SP01IO-500	1ml Open-End-Sterile (Ind. wrapped)	10.67"	0.01	0.3	2.67-2.73	500
SP01BO-1T	1ml Open-End-Sterile (25 Per Bag)	10.67"	0.01	0.3	2.67-2.73	1,000
SP11I-500	1.1ml Bacteriological (Ind. wrapped)	10.67"	-	-	1.3-1.8	500
SP11B-1T	1.1ml Bacteriological (25 Per Bag)	10.67"	-	-	1.3-1.8	1,000

**2ml Pipets**

SP02I-500	2ml Standard-Sterile (Ind. wrapped)	10.67"	0.02	0.4	1.8-2.2	500
SP02B-1T	2ml Standard-Sterile (25 Per Bag)	10.67"	0.02	0.4	1.8-2.2	1,000
SP02N-1T	2ml Standard-(Bulk Pkg-Non-Sterile)	10.67"	0.02	0.4	1.8-2.2	1,000
SP22I-250	2.2ml Bacteriological (Ind. wrapped)	10.67"	-	-	1.8-2.2	250
SP22B-1T	2.2ml Bacteriological (25 Per Bag)	10.67"	-	-	1.8-2.2	1,000

**5ml Pipets**

Item No.	Description	Length	Graduation Interval (ml)	Negative Graduations (ml)	Tip ID (mm)	Qty (Box)
SP05I-250	5ml Standard-Sterile (Ind. wrapped)	11.57"	0.10	3.0	1.4-2.0	250
SP05B-375	5ml Standard-Sterile (25 Per Bag)	11.57"	0.10	3.0	1.4-2.0	375
SP05N-400	5ml Standard-(Bulk Pkg-Non-Sterile)	11.57"	0.10	3.0	1.4-2.0	400



SP05IW-125	5ml Wide-Tip-Sterile (Ind. wrapped)	11.57"	0.10	3.0	2.6-3.0	125
SP05BW-375	5ml Wide-Tip-Sterile (25 Per Bag)	11.57"	0.10	3.0	2.6-3.0	375



SP05BO-375	5ml Open-End-Sterile (Bulk Pkg-25 per Bag)	11.57"	0.10	3.0	6.82-6.98	375
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SP05ISH-200	5ml Shorty-Sterile (Ind. wrapped)	8.66"	0.10	3.0	1.6-2.4	200
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**10ml Pipets**

SP10I-200	10ml Standard-Sterile (Ind. wrapped)	11.57"	0.10	3.0	1.6-2.4	200
SP10B-250	10ml Standard-Sterile (25 Per Bag)	11.57"	0.10	3.0	1.6-2.4	250
SP10N-250	10ml Standard-(Bulk Pkg-Non-Sterile)	11.57"	0.10	3.0	1.6-2.4	250



SP10IW-125	10ml Wide-Tip-Sterile (Ind. wrapped)	11.57"	0.10	3.0	3.0-3.4	125
SP10BW-250	10ml Wide-Tip-Sterile (25 Per Bag)	11.57"	0.10	3.0	3.0-3.4	250



SP10BO-250	10ml Open-End-Sterile (Bulk Pkg-25 per Bag)	11.57"	0.10	3.0	8.52-8.68	250
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SP10ISH-100	10ml Shorty-Sterile (Ind. wrapped)	8.66"	0.20	8.0	2.3-3.5	100
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**25ml Pipets**

SP25I-100	25ml Standard-Sterile (Ind. wrapped)	11.57"	0.20	2.6	2.3-3.5	100
SP25B-100	25ml Standard-Sterile (10 Per Bag)	11.57"	0.20	2.6	2.3-3.5	100



**50ml Pipets**

SP50I-100	50ml Standard-Sterile (Ind. wrapped)	13.38"	1.00	5.0	3.1-3.3	100
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Call for more details on pricing

### Mechanical Adjustable Volume Pipettor

The new handhold pipette is a general - purpose pipette for the accurate and precise sampling and dispensing of liquid volumes.

The pipettes operate on the air displacement principle and use disposable tips. The range of pipettes covers a volume range from 0.1 ul to 5 ml. All pipettes have been quality tested according to ISO 8655/DIN 12650. The quality control according to ISO 8655/DIN 12650 involves gravimetric testing of each pipette with distilled water (quality 3, DIN ISO 3696) at 22 degree C using the manufacturer's original tips.

The adjustable volume pipette delivers high quality with excellent value for money. The range is manufactured from the latest materials ensuring a lightweight and durable pipette, which will give many years reliable service. The pipettes cover the volume range 0.1 ul to 5000 ul with 10 different single -channel models. The range is also available in fixed volume and 8 multi - channel models.



**Features:**

- Lightweight ergonomic design
- Supplied with full documentation, warranties and certificates
- Finger support keeps the instrument in place with minimum user effort
- Ejector collar and tip cone can be removed for easy cleaning and maintenance
- Durable tip cone materials provide excellent chemical resistance
- Easy to calibrate and maintain
- Tip ejector allows convenient one - hand operation
- Digital display clearly reads volume setting
- Safe - Cone filter
- Shipping: 18" x 14" x 20"-2lbs

**Single Channel Pipette**

Item No.	Volume Range (µl)	Increment (µl)	Test Volume (µl)	Inaccuracy (±)	Imprecision (±)
720005	0.1 - 2.5	0.05	2.5, 1.25, 0.25	2.50%, 3.00%, 12.00%	2.00%, 3.00%, 6.00%
720000	0.5 - 10	0.1	10, 5, 1	1.00%, 1.50%, 2.50%	0.80%, 1.50%, 1.50%
720080	2 - 20	0.5	20, 10, 2	0.90%, 1.20%, 3.00%	0.40%, 1.00%, 2.00%
720020	5 - 50	0.5	50, 25, 5	0.60%, 0.90%, 2.00%	0.30%, 0.60%, 2.00%
720050	10 - 100	1	100, 50, 10	0.80%, 1.0%, 3.00%	0.15%, 0.30%, 1.0%
720070	20 - 200	1	200, 100, 20	0.60%, 0.80%, 3.00%	0.15%, 0.30%, 1.00%
720030	50 - 200	1	200, 100, 50	0.60%, 0.80%, 1.00%	0.15%, 0.30%, 0.40%
720060	100 - 1000	5	1000, 500, 100	0.60%, 0.70%, 2.00%	0.20%, 0.25%, 0.70%
720040	200 - 1000	5	1000, 500, 200	0.60%, 0.70%, 0.90%	0.20%, 0.25%, 0.30%
720110	1000 - 5000	50	5000, 2500, 1000	0.50%, 0.60%, 0.50%	0.30%, 0.30%, 0.15%

**Walter Volume Pipettor Cross-Reference**

Pipettor Item No.	Volume Range (µl)	Pipet Tip Item No.
720005	0.1 - 2.5	ME1014
720000	0.5 - 10	ME1014
720080	2 - 20	ME1016
720020	5 - 50	ME1016
720050	10 - 100	ME1016
720070	20 - 200	ME1016
720030	50 - 200	ME1016
720060	100 - 1000	ME1017
720040	200 - 1000	ME1017
720110	5000	MHD780200



Pipet Tips available upon request. ME1014 see page 36