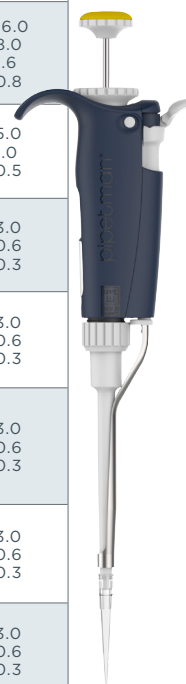


PIPETMAN® L SPECIFICATIONS

PIPETMAN® L SINGLE CHANNEL—VARIABLE VOLUME MODELS												
Model	PIPETMAN® DIAMOND Tips	Part Number		Vol. (μL)	Maximum Permissible Errors							
		With Stainless Steel Ejector	With Plastic Ejector		Gilson				ISO 8655			
					Systematic Error (μL)	Random Error (μL)	Systematic Error (%)	Random Error (%CV*)	Systematic Error (μL)	Random Error (μL)	Systematic Error (%)	Random Error (%CV*)
P2L	D10 DL10	FA10001M	FA10001P	0.2 0.5 1 2	± 0.024 ± 0.025 ± 0.027 ± 0.030	≤ 0.012 ≤ 0.012 ≤ 0.013 ≤ 0.014	± 12.0 ± 5.0 ± 2.7 ± 1.5	≤ 6.0 ≤ 2.4 ≤ 1.3 ≤ 0.7	± 0.08 ± 0.08 ± 0.08 ± 0.08	≤ 0.04 ≤ 0.04 ≤ 0.04 ≤ 0.04	± 40.0 ± 16.0 ± 8.0 ± 4.0	≤ 20.0 ≤ 8.0 ≤ 4.0 ≤ 2.0
P10L	D10 DL10	FA10002M	FA10002P	0.5 1 5 10	± 0.040 ± 0.025 ± 0.075 ± 0.100	≤ 0.016 ≤ 0.012 ≤ 0.030 ≤ 0.040	± 8.0 ± 2.5 ± 1.5 ± 1.0	≤ 3.2 ≤ 1.2 ≤ 0.6 ≤ 0.4	± 0.12 ± 0.12 ± 0.12 ± 0.12	≤ 0.08 ≤ 0.08 ≤ 0.08 ≤ 0.08	± 24.0 ± 12.0 ± 2.4 ± 1.2	≤ 16.0 ≤ 8.0 ≤ 1.6 ≤ 0.8
P20L	D200	FA10003M	FA10003P	2 10 20	± 0.10 ± 0.10 ± 0.20	≤ 0.030 ≤ 0.050 ≤ 0.060	± 5.0 ± 1.0 ± 1.0	≤ 1.5 ≤ 0.5 ≤ 0.3	± 0.2 ± 0.2 ± 0.2	≤ 0.1 ≤ 0.1 ≤ 0.1	± 10.0 ± 2.0 ± 1.0	≤ 5.0 ≤ 1.0 ≤ 0.5
P100L	D200	FA10004M	FA10004P	10 50 100	± 0.35 ± 0.40 ± 0.80	≤ 0.10 ≤ 0.12 ≤ 0.15	± 3.5 ± 0.8 ± 0.8	≤ 1.0 ≤ 0.24 ≤ 0.15	± 0.8 ± 0.8 ± 0.8	≤ 0.3 ≤ 0.3 ≤ 0.3	± 8.0 ± 1.6 ± 0.8	≤ 3.0 ≤ 0.6 ≤ 0.3
P200L	D200	FA10005M	FA10005P	20 100 200	± 0.50 ± 0.80 ± 1.60	≤ 0.20 ≤ 0.25 ≤ 0.30	± 2.5 ± 0.8 ± 0.8	≤ 1.0 ≤ 0.25 ≤ 0.15	± 1.6 ± 1.6 ± 1.6	≤ 0.6 ≤ 0.6 ≤ 0.6	± 8.0 ± 1.6 ± 0.8	≤ 3.0 ≤ 0.6 ≤ 0.3
P1000L	D1000	FA10006M	FA10006P	100 500 1000	± 3.0 ± 4.0 ± 8.0	≤ 0.6 ≤ 1.0 ≤ 1.5	± 3.0 ± 0.8 ± 0.8	≤ 0.6 ≤ 0.2 ≤ 0.15	± 8.0 ± 8.0 ± 8.0	≤ 3.0 ≤ 3.0 ≤ 3.0	± 8.0 ± 1.6 ± 0.8	≤ 3.0 ≤ 0.6 ≤ 0.3
P5000L	D5000	FA10007		500 2500 5000	± 12 ± 15 ± 30	≤ 3 ≤ 5 ≤ 8	± 2.4 ± 0.6 ± 0.6	≤ 0.6 ≤ 0.2 ≤ 0.16	± 40 ± 40 ± 40	≤ 15.0 ≤ 15.0 ≤ 15.0	± 8.0 ± 1.6 ± 0.8	≤ 3.0 ≤ 0.6 ≤ 0.3
P10mLL	D10mL	FA10008		1000 5000 10000	± 30 ± 40 ± 60	≤ 6 ≤ 10 ≤ 16	± 3.0 ± 0.8 ± 0.6	≤ 0.6 ≤ 0.2 ≤ 0.16	± 60 ± 60 ± 60	≤ 30.0 ≤ 30.0 ≤ 30.0	± 6.0 ± 1.2 ± 0.6	≤ 3.0 ≤ 0.6 ≤ 0.3



PIPETMAN L single channel variable volume boxes include:

- PIPETMAN L
- Quick Guide
- Safety bag
- Certificate of Conformity (including barcode sticker)
- Tip ejector adapter equipped on P2L/P10L
- Bag of ten filters (only for P5000L and P10mLL)

*CV means Coefficient of Variation