

pipetman

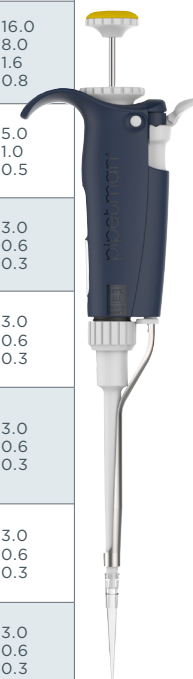
L



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	± 0.024	≤ 0.016	± 12.0	≤ 6.0	± 0.08	≤ 0.04	± 40.0	≤ 20.0
				0.5	± 0.025	≤ 0.012	± 5.0	≤ 2.4	± 0.08	≤ 0.04	± 16.0	≤ 8.0
				1	± 0.027	≤ 0.013	± 2.7	≤ 1.3	± 0.08	≤ 0.04	± 8.0	≤ 4.0
				2	± 0.030	≤ 0.014	± 1.5	≤ 0.7	± 0.08	≤ 0.04	± 4.0	≤ 2.0
P10L	D10 DL10	FA10002M	FA10002P	0.5	± 0.040	≤ 0.016	± 8.0	≤ 3.2	± 0.12	≤ 0.08	± 24.0	≤ 16.0
				1	± 0.025	≤ 0.012	± 2.5	≤ 1.2	± 0.12	≤ 0.08	± 12.0	≤ 8.0
				5	± 0.075	≤ 0.030	± 1.5	≤ 0.6	± 0.12	≤ 0.08	± 2.4	≤ 1.6
				10	± 0.100	≤ 0.040	± 1.0	≤ 0.4	± 0.12	≤ 0.08	± 1.2	≤ 0.8
P20L	D200	FA10003M	FA10003P	2	± 0.10	≤ 0.030	± 5.0	≤ 1.5	± 0.2	≤ 0.1	± 10.0	≤ 5.0
				10	± 0.10	≤ 0.050	± 1.0	≤ 0.5	± 0.2	≤ 0.1	± 2.0	≤ 1.0
				20	± 0.20	≤ 0.060	± 1.0	≤ 0.3	± 0.2	≤ 0.1	± 1.0	≤ 0.5
P100L	D200	FA10004M	FA10004P	10	± 0.35	≤ 0.10	± 3.5	≤ 1.0	± 0.8	≤ 0.3	± 8.0	≤ 3.0
				50	± 0.40	≤ 0.12	± 0.8	≤ 0.24	± 0.8	≤ 0.3	± 1.6	≤ 0.6
				100	± 0.80	≤ 0.15	± 0.8	≤ 0.15	± 0.8	≤ 0.3	± 0.8	≤ 0.3
P200L	D200	FA10005M	FA10005P	20	± 0.50	≤ 0.20	± 2.5	≤ 1.0	± 1.6	≤ 0.6	± 8.0	≤ 3.0
				100	± 0.80	≤ 0.25	± 0.8	≤ 0.25	± 1.6	≤ 0.6	± 1.6	≤ 0.6
				200	± 1.60	≤ 0.30	± 0.8	≤ 0.15	± 1.6	≤ 0.6	± 0.8	≤ 0.3
P1000L	D1000	FA10006M	FA10006P	100	± 3.0	≤ 0.6	± 3.0	≤ 0.6	± 8.0	≤ 3.0	± 8.0	≤ 3.0
				500	± 4.0	≤ 1.0	± 0.8	≤ 0.2	± 8.0	≤ 3.0	± 1.6	≤ 0.6
				1000	± 8.0	≤ 1.5	± 0.8	≤ 0.15	± 8.0	≤ 3.0	± 0.8	≤ 0.3
P5000L	D5000	FA10007		500	± 12	≤ 3	± 2.4	≤ 0.6	± 40	≤ 15.0	± 8.0	≤ 3.0
				2500	± 15	≤ 5	± 0.6	≤ 0.2	± 40	≤ 15.0	± 1.6	≤ 0.6
				5000	± 30	≤ 8	± 0.6	≤ 0.16	± 40	≤ 15.0	± 0.8	≤ 0.3
P10mLL	D10mL	FA10008		1000	± 30	≤ 6	± 3.0	≤ 0.6	± 60	≤ 30.0	± 6.0	≤ 3.0
				5000	± 40	≤ 10	± 0.8	≤ 0.2	± 60	≤ 30.0	± 1.2	≤ 0.6
				10000	± 60	≤ 16	± 0.6	≤ 0.2	± 60	≤ 30.0	± 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)