

Maximum Permissible Systematic Error Comparison – [Accuracy] Single-channel

		ISO 8655	Gilson Pipetman G / L	Eppendorf Research+ Reference 2	Sartorius Proline Plus / mL	Thermo Finnpipette F1 / F2	Rainin P-L. XLS+ / Classic	Brand Transfer-pette S	Alphapette
Model	Volume	A %	A %	A %	A %	A %	A %	A %	A %
2	0.2	40	12	12 ^a	10 ^b	12	12	12 ^a	12
	1	8		2,5 ^a	2,4 ^b	4	2.7	2,5 ^a	2.7
	2	4	1.5	1,4 ^a	1,3 ^b	2.5	1.5	1,4 ^a	1.5
10	0.5	24		8	[5]	xxx			4
	1	12	2.5	2.5	2.5	2.5	2.5	7	2
	5	2.4	1.5	1.5	1.5	1.5	1.5	1.6	1
	10	1.2	1	1	1	1	1	1	0.5
20	2	10	5	5	3	3	7.5	5	3
	10	2	1	1.2	1.2	1.5	1.5	1.2	1
	20	1	1	1	0.9	1	1	0.8	0.8
100	10	8	3.5	3	2	3	3.5	3	1.6
	50	1.6	0.8	1	1	1.2	0.8	0.8	0.8
	100	0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.8
200	20	8	2.5	2.5	2	1.8	2.5	3	1.2
	100	1.6	0.8	1	0.8	1	0.8	0.8	0.8
	200	0.8	0.8	0.6	0.6	0.6	0.8	0.6	0.6
1000	100	8	3	3	1	1	3	3	1.6
	500	1.6	0.8	1	0.6	0.8	0.8	0.8	0.7
	1000	0.8	0.8	0.6	0.6	0.6	0.8	0.6	0.6
5000	500	8	2.4	2.4	2	2	2.4	3	1.2
	2500	1.6	0.6	1.2	0.6	0.7	0.6	0.8	0.6
	5000	0.8	0.6	0.6	0.5	0.5	0.6	0.6	0.5
10000	1000	3	3	3	3	2	5	3	2.5
	5000	0.8	0.8	0.8	1.2	0.8	1	0.8	0.8
	10000	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5

a) volume range 0,1÷2,5µl / test volumes presented: 0,25 - 1,25 - 2,5µl

b) volume range / test volumes: 0,3 - 1,5 - 3,0µl

Note: The parameters compared are based on manufacturers declaration included in instructions for use of the specific product.



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