Maximum Permissible Random Error Comparison – [Precision] Single-channel

Model	Volume	ISO 8655 P %	Gilson Pipetman G / L P %	Eppendorf Research+ Reference 2 P %	Sartorius Proline Plus / mLine P %	Thermo Finnpipette F1 / F2 P %	Rainin P-L. XLS+ / Classic P %	Brand Transfer-pette S P %	Alphapette P %
2	0.2	20	6	6[a]	6[b]	10	6	6[a]	**6**
	1	4		1,5[a]	1,6[b]	3.5	1.3	1,5[a]	**1.3**
	2	2	0.7	0,7[a]	0,8[b]	2	0.7	0,7	**0.7**
10	0.5	16		5	4	xxx			**2.8**
	1	8	1.2	1.8	1.5	2	1.2	4	**1**
	5	1.6	0.6	0.8	1	0.8	0.6	1	**0.6**
	10	0.8	0.4	0.4	0.5	0.5	0.4	0.5	**0.4**
20	2	5	1.5	1.5	2	2.5	2	2	**1.5**
	10	1	0.5	0.6	1	0.6	0.5	0.7	**0.5**
	20	0.5	0.3	0.3	0.4	0.4	0.3	0.4	**0.3**
100	10	3	1	1	1	1	1	1	**0.8**
	50	0.6	0.24	0.3	0.4	0.4	0.24	0.4	**0.24**
	100	0.3	0.15	0.2	0.15	0.2	0.15	0.2	**0.2**
200	20	3	1	0.7	0.8	0.7	1	0.6	**0.6**
	100	0.6	0.25	0.3	0.3	0.4	0.25	0.3	**0.25**
	200	0.3	0.15	0.2	0.15	0.2	0.15	0.2	**0.2**
1000	100	3	0.6	0.6	0.4	0.6	0.6	0.6	**0.4**
	500	0.6	0.2	0.2	0.2	0.3	0.2	0.3	**0.2**
	1000	0.3	0.15	0.2	0.2	0.2	0.15	0.2	**0.15**
5000	500	3	0.6		0.6	0.8	0.6	0.6	**0.5**
	2500	0.6	0.2	0.25	0.3	0.3	0.2	0.3	**0.2**
	5000	0.3	0.16	0.15	0.2	0.2	0.16	0.2	**0.15**
10000	1000	3	0.6	0.6	0.6	0.8	0.6	0.6	**0.6**
	5000	0.6	0.2	0.2	0.3	0.3	0.2	0.3	**0.3**
	10000	0.3	0.16	0.15	0.2	0.2	0.16	0.2	**0.2**

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
c) volume range / test volumes: "100": 12 - 60 - 120µl / "200": 30 - 150 -300µl

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