

ISO 8655

	Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
<b>ISO 8655 Maximum Permissible Errors</b>						
1	1 μL			1	± 5	≤ 5
2	2 μL			2	± 4	≤ 2
3	5 μL			5	± 2.5	≤ 1.5
4	10 μL			10	± 1.2	≤ 0.8
5	20 μL			20	± 1	≤ 0.5
6	50 μL			50	± 1	≤ 0.4
7	100 μL			100	± 0.8	≤ 0.3
8	200 μL			200	± 0.8	≤ 0.3
9	500 μL			500	± 0.8	≤ 0.3
10	1000 μL			1000	± 0.8	≤ 0.3
11	2000 μL			2000	± 0.8	≤ 0.3
12	5000 μL			5000	± 0.8	≤ 0.3
13	10000 μL			10000	± 0.6	≤ 0.3





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#### Viaflo - Vision Single Channel Pipette

1	0.5-12.5 µL	Purple	1	1_12.5	± 1 or (0.05 µL)	≤ 0.4 or (0.05 µL)
2	5-125 µL	Yellow	1	10_125	± 0.6 or (0.3 µL)	≤ 0.2 or (0.1 µL)
3	10-300 µL	Green	1	25_300	± 0.6 or (0.5 µL)	≤ 0.15 or (0.15 µL)
4	50-1250 µL	Blue	1	100_1250	± 0.6 or (3 µL)	≤ 0.17 or (0.6 µL)
5	100-5000 µL	Orange	1	400_5000	± 0.6 or (12 µL)	≤ 0.15 or (3 µL)

#### Viaflo - Vision Multi Channel Pipette

1	0.5-12.5 µL	Purple	8_12	1_12.5	± 1.2 or (0.05 µL)	≤ 0.5 or (0.05 µL)
2	5-125 µL	Yellow	8_12	10_125	± 0.8 or (0.35 µL)	≤ 0.25 or (0.15 µL)
3	10-300 µL	Green	8_12	25_300	± 0.8 or (0.7 µL)	≤ 0.2 or (0.25 µL)
4	50-1250 µL	Blue	8_12	100_1250	± 0.8 or (3.5 µL)	≤ 0.2 or (0.6 µL)

#### Viaflo - Voyager Multi Channel Pipette

1	10-300 µL	Green	4_6_12	25_300	± 0.8 or (0.7 µL)	≤ 0.2 or (0.25 µL)
2	50-1250 µL	Blue	4_6_12	100_1250	± 0.8 or (3.5 µL)	≤ 0.2 or (0.5 µL)

#### Viaflo - Voyager Multi Channel Pipette

1	0.5-12.5 µL	Purple	8	1_12.5	± 2 or (0.15 µL)	≤ 1.5 or (0.1 µL)
2	5-125 µL	Yellow	8	10_125	± 0.8 or (0.35 µL)	≤ 0.25 or (0.15 µL)
3	10-300 µL	Green	8	25_300	± 0.8 or (0.7 µL)	≤ 0.2 or (0.25 µL)
4	50-1250 µL	Blue	8	100_1250	± 0.8 or (3.5 µL)	≤ 0.2 or (0.5 µL)





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#### Arise - A-pette Single Channel Pipette

1	2-20 μL	Red	1	2_20	± 7_1	≤ 2_0.5
2	20-200 μL	Yellow	1	20_200	± 2.5_0.8	≤ 1_0.2
3	100-1000 μL	Blue	1	100_1000	± 3_0.8	≤ 0.6_0.18

#### Arise - A-pette Multi Channel Pipette

1	2-20 μL	Red	8_12	2_20	± 7_1	≤ 2_0.5
2	20-200 μL	Yellow	8_12	20_200	± 2.5_0.8	≤ 1_0.2
3	100-1000 μL	Blue	8_12	100_1000	± 3_0.8	≤ 0.6_0.15

#### BioProducts - Excel Electronic Single Channel Pipette

1	0.5-10 μL	1	1_10	± 4_1	≤ 2.5_0.4
2	2-20 μL	1	2_20	± 4_1	≤ 2.5_0.4
3	10-200 μL	1	20_200	± 2.5_0.6	≤ 1_0.15
4	100-1200 μL	1	120_1200	± 2.5_0.5	≤ 0.6_0.15

#### BioProducts - Excel Electronic Multi Channel Pipette

1	0.5-10 μL	8_12	1_10	± 4_1.5	≤ 2.5_0.5
2	2-20 μL	8_12	2_20	± 4_1	≤ 2.5_0.5
3	10-200 μL	8_12	20_200	± 3_0.6	≤ 1_0.15
4	100-1200 μL	8_12	120_1200	± 3_0.5	≤ 0.8_0.2



CORNING



	Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
<b>Corning - Lambda Plus Single Channel Pipette</b>						
1	0.2-2 μL		1	0.2_1_2	± 12_2.7_1.5	≤ 6_1.3_0.7
2	0.5-10 μL		1	0.5_5_10	± 4_1_0.5	≤ 2.8_0.6_0.4
3	2-20 μL		1	2_10_20	± 3_1_0.8	≤ 1.5_0.5_0.3
4	10-100 μL		1	10_50_100	± 1.6_0.8_0.8	≤ 0.8_0.24_0.2
5	20-200 μL		1	20_100_200	± 1.2_0.8_0.6	≤ 0.6_0.25_0.2
6	100-1000 μL		1	100_500_1000	± 1.6_0.7_0.6	≤ 0.4_0.2_0.15

<b>Corning - Lambda Plus Multi Channel Pipette</b>						
1	0.5-10 μL		8_12	1_5_10	± 8_4_2	≤ 6_2_1.2
2	5-50 μL		8_12	5_25_50	± 4_3_1.6	≤ 2.5_1.2_0.6
3	20-200 μL		8_12	20_100_200	± 3_1.5_1	≤ 1.5_0.8_0.6
4	50-300 μL		8_12	50_150_300	± 1.6_1.2_1	≤ 1.5_1_0.6

<b>Bio-Rad - Professional &amp; Classroom Single Channel Pipette</b>						
1	0.1-2 μL		1	0.2_1_2	± 12_2.7_1.5	≤ 6_1.3_0.7
2	0.5-10 μL		1 / 1	0.5_5_10	± 4_1_0.5	≤ 2.8_0.6_0.4
3	2-20 μL		1 / 1	2_10_20	± 3_1_0.8	≤ 1.5_0.5_0.3
4	10-100 μL		1	10_50_100	± 1.6_0.8_0.8	≤ 0.8_0.24_0.2
5	20-200 μL		1 / 1	20_100_200	± 1.2_0.8_0.6	≤ 0.6_0.25_0.2
6	100-1000 μL		1 / 1	100_500_1000	± 1.6_0.7_0.6	≤ 0.4_0.2_0.15
7	1000-5000 μL		1	1000_2500_5000	± 0.6_0.6_0.5	≤ 0.25_0.2_0.15

BIO-RAD





Volume Range	Colour Code	Channels	Test Volume (µL)	Inaccuracy (%)	Imprecision (%)
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#### Denville - XL 3000i Digital Single Channel Pipette

1	0.1-2 µL	1	0.2_2	± 12_1.5	≤ 6_0.7
2	0.5-10 µL	1	0.5_10	± 3.6_0.5	≤ 6_0.7
3	2-20 µL	1	2_20	± 4_0.8	≤ 3_0.4
4	10-100 µL	1	10_100	± 1.6_0.8	≤ 1
5	20-200 µL	1	20_200	± 1.2_0.6	≤ 1
6	100-1000 µL	1	100_1000	± 0.9_0.6	≤ 1
7	1000-5000 µL	1	1000_5000	± 0.6_0.5	≤ 1
8	1000-10000 µL	1	1000_10000	± 2.5_0.5	≤ 1

#### Denville - XL 3000i Digital Multi Channel Pipette

1	1-10 µL	8_12	1_10	± 8_2	≤ 8_2
2	5-50 µL	8_12	5_50	± 3_1 / 3_1.2	≤ 1.8_0.45 / 2_0.5
3	20-200 µL	8_12	20_200	± 1.4_0.8	≤ 0.7_0.5 / 0.8_0.5
4	50-300 µL	8_12	50_300	± 1.4_0.9	≤ 0.7_0.5 / 0.8_0.5

#### Denville - XLE Electronic Single Channel Pipette

1	0.5-10 µL	1	0.5_10	± 4_1	≤ 2.5_0.4
2	2-20 µL	1	2_20	± 4_1	≤ 2.5_0.4
3	10-200 µL	1	10_200	± 2.5_0.6	≤ 1_0.15
4	100-1200 µL	1	100_1200	± 3.5_0.5	≤ 0.6_0.15

#### Denville - XLE Electronic Multi Channel Pipette

1	0.5-10 µL	8_12	0.5_10	± 4_1.5	≤ 2.5_0.5
2	2-20 µL	8_12	2_20	± 4_1	≤ 2.5_0.3
3	10-200 µL	8_12	10_200	± 3_0.6	≤ 1_0.15
4	100-1200 µL	8_12	100_1200	± 3_0.5	≤ 0.8_0.2





Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
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#### Hurst - TopPette & MicroPette Fix Volume Pipette

1	5 μL	1 / 1	5	± 1.3	≤ 1.2
2	10 μL	1 / 1	10	± 0.8	≤ 0.8
3	20 μL	1 / 1	20	± 0.6	≤ 0.5
4	25 μL	1 / 1	25	± 0.5	≤ 0.3
5	50 μL	1 / 1	50	± 0.5	≤ 0.3
6	100 μL	1 / 1	100	± 0.5	≤ 0.3
7	200 μL	1 / 1	200	± 0.4	≤ 0.2
8	250 μL	1 / 1	250	± 0.4	≤ 0.2
9	500 μL	1 / 1	500	± 0.3	≤ 0.2
10	1000 μL	1 / 1	1000	± 0.3	≤ 0.2
11	2000 μL	1 / 1	2000	± 0.3	≤ 0.15
12	5000 μL	1 / 1	5000	± 0.3	≤ 0.15

#### Hurst - TopPette & MicroPette Single Channel Pipette

1	0.1-2.5 μL	1 / 1	0.25_1.25_2.5	± 12_3_2.5	≤ 6_3_2
2	0.5-10 μL	1 / 1	1_5_10	± 2.5_1.5_1	≤ 1.5_1.5_0.8
3	2-20 μL	1 / 1	2_10_20	± 3_1.2_0.9	≤ 2_1_0.4
4	5-50 μL	1 / 1	5_25_50	± 2_0.9_0.6	≤ 2_0.6_0.3
5	10-100 μL	1 / 1	10_50_100	± 3_1_0.8	≤ 1.5_0.4_0.15
6	20-200 μL	1 / 1	20_100_200	± 3_0.8_0.6	≤ 1_0.3_0.15
7	50-200 μL	1 / 1	50_100_200	± 1_0.8_0.6	≤ 0.4_0.3_0.15
8	100-1000 μL	1 / 1	100_500_1000	± 2_0.7_0.6	≤ 0.7_0.25_0.2
9	200-1000 μL	1 / 1	200_500_1000	± 0.9_0.7_0.6	≤ 0.3_0.25_0.2
10	1000-5000 μL	1 / 1	1000_2500_5000	± 0.7_0.6_0.5	≤ 0.3_0.3_0.15

#### Hurst - TopPette & MicroPette Multi Channel Pipette

1	0.5-10 μL	8_12	1_5_10	± 4_2.5_1.5	≤ 4_2.5_1.5
2	5-50 μL	8_12	5_25_50	± 3_1.5_1	≤ 2_1_0.5
3	50-300 μL	8_12	50_150_300	± 1.5_1_0.7	≤ 0.8_0.5_0.25





Volume Range	Colour Code	Channels	Test Volume (µL)	Inaccuracy (%)	Imprecision (%)
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#### Human - HumaPette Fix Volume Pipette

1	5 µL	1	5	± 1	≤ 0.8
2	10 µL	1	10	± 1	≤ 0.8
3	20 µL	1	20	± 0.8	≤ 0.5
4	25 µL	1	25	± 0.8	≤ 0.4
5	50 µL	1	50	± 0.6	≤ 0.4

#### Human - HumaPette Single Channel Pipette

1	0.5-10 µL	1	1_5_10	± 10_2_1	≤ 8_1.6_0.8
2	5-50 µL	1	5_25_50	± 7_1.4_0.8	≤ 4_0.8_0.4
3	10-100 µL	1	10_50_100	± 5_1_0.6	≤ 2_0.4_0.2
4	20-200 µL	1	20_100_200	± 5_1_0.6	≤ 2_0.4_0.2
5	100-1000 µL	1	100_500_1000	± 5_1_0.6	≤ 2_0.4_0.2
6	500-5000 µL	1	500_2500_5000	± 5_1_0.6	≤ 2_0.4_0.2

#### Human - HumaPette Multi Channel Pipette

1	5-50 µL	8	5_25_50	± 10_2_1	≤ 5_1_0.5
2	30-300 µL	8	30_150_300	± 10_2_1	≤ 5_1_0.5

#### IKA - Ika-Pet Fix Volume Pipette

1	25 µL	1	25	± 1	≤ 0.3
2	50 µL	1	50	± 0.7	≤ 0.3
3	100 µL	1	100	± 0.6	≤ 0.2





Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
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#### Labnics - Labnics Research & Autoclavable & Pro Fix Volume Pipette

1	2.5 μL	1	2.5	± 1.5	≤ 1.4
2	5 μL	1 / 1 / 1	5	± 1.3 / 1.5	≤ 1.2 / 1.4
3	10 μL	1 / 1 / 1	10	± 0.8 / 0.9	≤ 0.8
4	20 μL	1 / 1 / 1	20	± 0.6	≤ 0.5
5	25 μL	1 / 1 / 1	25	± 0.5 / 0.6	≤ 0.3 / 0.5
6	50 μL	1 / 1 / 1	50	± 0.5 / 0.6	≤ 0.3 / 0.4
7	100 μL	1 / 1 / 1	100	± 0.5	≤ 0.3
8	200 μL	1 / 1 / 1	200	± 0.4 / 0.8	≤ 0.2 / 0.3
9	250 μL	1 / 1 / 1	250	± 0.4 / 0.8	≤ 0.2 / 0.3
10	500 μL	1 / 1 / 1	500	± 0.3 / 0.8	≤ 0.2 / 0.3
11	1000 μL	1 / 1 / 1	1000	± 0.3 / 0.8	≤ 0.2 / 0.3
12	2000 μL	1 / 1	2000	± 0.3	≤ 0.15
13	5000 μL	1 / 1	5000	± 0.3	≤ 0.15

#### Labnics - Labnics Research & Autoclavable & Pro Single Channel Pipette

1	0.1-2.5 μL	1	0.25_2.5	± 2.5_1	≤ 1.5_0.8
2	0.5-10 μL	1 / 1 / 1	1_10	± 2.5_1 / 3.5_1	≤ 1.5_0.8 / 3_0.8
3	2-20 μL	1 / 1 / 1	2_20	± 2_1.8 / 3_1	≤ 0.8_0.6 / 1.5_0.4
4	5-50 μL	1 / 1 / 1	5_50	± 2_0.6	≤ 2_0.3
5	10-100 μL	1 / 1 / 1	10_100	± 3_0.8	≤ 1.5_0.15 / 1_0.2
6	20-200 μL	1 / 1 / 1	20_200	± 0.6_0.5 / 1.8_0.6	≤ 0.6_0.15 / 0.7_0.2
7	50-200 μL	1 / 1	50_200	± 1_0.6	≤ 0.4_0.15
8	100-1000 μL	1 / 1 / 1	100_1000	± 2_0.6 / 0.9_0.8	≤ 0.7_0.2 / 0.5_0.2
9	200-1000 μL	1 / 1 / 1	200_1000	± 0.9_0.6 / 1_0.8	≤ 0.3_0.2 / 0.5_0.2
10	500-5000 μL	1 / 1	500_5000	± 0.7_0.5	≤ 0.3_0.15
11	1000-5000 μL	1 / 1	1000_5000	± 0.7_0.5	≤ 0.3_0.15

#### Labnics - Labnics Research & Autoclavable Multi Channel Pipette

1	0.5-10 μL	8_12	1_5_10	± 3.5_2.5_1.5	≤ 3.5_2.5_1.5
2	5-50 μL	8_12	5_25_50	± 3_1.5_1	≤ 2_1_0.7
3	10-100 μL	8_12	10_50_100	± 1.5_1_0.9	≤ 0.75_0.4_0.25
4	20-200 μL	8_12	20_100_200	± 1.5_1_0.9	≤ 0.75_0.4_0.25
5	30-300 μL	8_12	30_150_300	± 1.5_1_0.8	≤ 0.75_0.4_0.25





**Kartell**



Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
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**Kartell - Minifix Fix Volume Pipette**

1	5 μL	1	5	± 1.5	≤ 1
2	10 μL	1	10	± 1	≤ 1
3	20 μL	1	20	± 0.5	≤ 0.5
4	25 μL	1	25	± 0.5	≤ 0.5
5	50 μL	1	50	± 0.4	≤ 0.3
6	100 μL	1	100	± 0.3	≤ 0.3

**Kartell - Pluripet Single Channel Pipette**

1	0.2-2 μL	1	0.2_1_2	± 12_2.7_1.5	≤ 6_1.3_0.7
2	0.5-10 μL	1	0.5_5_10	± 4_1_0.5	≤ 4_0.8_0.4
3	2-20 μL	1	2_10_20	± 4_1_0.8	≤ 3_0.7_0.4
4	10-100 μL	1	10_50_100	± 1.6_1_0.8	≤ 0.8_0.4_0.3
5	20-200 μL	1	20_100_200	± 1.2_1_0.6	≤ 0.6_0.3_0.3
6	100-1000 μL	1	100_500_1000	± 0.9_0.7_0.6	≤ 0.45_0.25_0.25
7	1000-5000 μL	1	1000_2500_5000	± 0.6_0.6_0.5	≤ 0.3_0.3_0.2
8	1000-10000 μL	1	1000_5000_10000	± 2.5_0.8_0.2	≤ 0.6_0.3_0.2

**Kartell - Pluripet Multi Channel Pipette**

1	5-50 μL	8_12	5_50	± 4_1.6	≤ 3_1
2	30-300 μL	8_12	50_300	± 1.6_1	≤ 1.5_0.8

**Kartell - Pluripet II Single Channel Pipette**

1	0.2-2 μL	1	0.2_1_2	± 12_2.5_1.4	≤ 6_1.5_1.7
2	0.5-10 μL	1	0.5_5_10	± 5_2.5_1.5	≤ 2.8_0.8_0.4
3	2-20 μL	1	2_10_20	± 6_1_0.8	≤ 5_0.6_0.3
4	10-100 μL	1	20_50_100	± 2_0.7_0.8	≤ 0.3_0.3_0.2
5	20-200 μL	1	40_100_200	± 1.5_0.4_0.8	≤ 0.3_0.2_0.2
6	100-1000 μL	1	100_500_1000	± 0.6_0.3_0.5	≤ 0.3_0.2_0.2
7	1000-5000 μL	1	1000_2500_5000	± 0.8_0.3_0.6	≤ 0.2_0.2_0.2
8	1000-10000 μL	1	2000_5000_10000	± 0.8_0.3_0.6	≤ 0.2_0.2_0.2





Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
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#### Vitlab - Micropipette Single Channel Pipette

1	0.5-10 μL	1	10	± 1	≤ 0.5
2	2-20 μL	1	20	± 0.8	≤ 0.4
3	10-100 μL	1	100	± 0.6	≤ 0.2
4	20-200 μL	1	200	± 0.6	≤ 0.2
5	100-1000 μL	1	1000	± 0.6	≤ 0.2
6	500-5000 μL	1	5000	± 0.6	≤ 0.2
7	1000-10000 μL	1	10000	± 0.6	≤ 0.2

#### Vitlab - Micropipette Multi Channel Pipette

1	5-50 μL	8_12	50	± 0.8	≤ 0.4
2	10-100 μL	8_12	100	± 0.8	≤ 0.3
3	20-200 μL	8_12	200	± 0.8	≤ 0.3
4	30-300 μL	8_12	300	± 0.6	≤ 0.3

#### Axygen - Axypet Single Channel Pipette

1	0.2-2 μL	1	0.2_1_2	± 12_2.7_1.5	≤ 6_1.3_0.7
2	0.5-10 μL	1	0.5_5_10	± 4_1_0.5	≤ 2.8_0.6_0.4
3	2-20 μL	1	2_10_20	± 3_1_0.8	≤ 1.5_0.5_0.3
4	5-50 μL	1	5_25_50	± 2.5_1_0.8	≤ 2_0.6_0.4
5	10-100 μL	1	10_50_100	± 1.6_0.8_0.8	≤ 0.8_0.24_0.2
6	20-200 μL	1	20_100_200	± 1.2_0.8_0.6	≤ 0.6_0.25_0.2
7	50-250 μL	1	50_125_250	± 1_0.8_0.6	≤ 0.4_0.3_0.3
8	100-1000 μL	1	100_500_1000	± 1.6_0.7_0.6	≤ 0.4_0.2_0.15
9	1000-5000 μL	1	1000_2500_5000	± 0.6_0.6_0.5	≤ 0.25_0.2_0.15
10	1000-10000 μL	1	1000_5000_10000	± 2.5_0.8_0.5	≤ 0.6_0.3_0.2

#### Axygen - Axypet Multi Channel Pipette

1	1-10 μL	8_12	1_5_10	± 8_4_2	≤ 6_2_1.2
2	5-50 μL	8_12	5_25_50	± 4_3_1.6	≤ 2.5_1.2_0.6
3	20-200 μL	8_12	20_100_200	± 3_1.5_1	≤ 1.5_0.8_0.6
4	50-300 μL	8_12	50_150_300	± 1.6_1.2_1	≤ 1.5_1_0.6





Volume Range	Colour Code	Channels	Test Volume (µL)	Inaccuracy (%)	Imprecision (%)
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#### BeyonLab - FixPette Single Channel Pipette

1	5 µL	1	5	± 1	≤ 0.8
2	10 µL	1	10	± 1	≤ 0.8
3	20 µL	1	20	± 1	≤ 0.8
4	25 µL	1	25	± 1	≤ 0.8
5	50 µL	1	50	± 1	≤ 0.8
6	100 µL	1	100	± 1	≤ 0.8
7	200 µL	1	200	± 1	≤ 0.8
8	500 µL	1	500	± 1	≤ 0.8
9	1000 µL	1	1000	± 1	≤ 0.8

#### BeyonLab - InnoPette & NanoPette Single Channel Pipette

1	0.2-2 µL	Blue	1/1	0.2_1_2	± 12_2.7_1.5	≤ 6_1.3_0.7
2	1-10 µL	Light Blue	1/1	0.5_5_10	± 2.5_1.5_1	≤ 1.2_0.6_0.4
3	2-20 µL	Green	1/1	2_5_10_20	± 7.5_3_1.5_1	≤ 2_0.9_0.5_0.3
4	10-100 µL	Gray	1/1	10_50_100	± 3.5_0.8_0.8	≤ 1_0.24_0.15
5	20-200 µL	Orange	1/1	20_100_200	± 2.5_0.8_0.8	≤ 1_0.25_0.15
6	100-1000 µL	Red	1/1	100_500_1000	± 3_0.8_0.8	≤ 0.6_0.2_0.15
7	500-5000 µL	Pink	1/1	500_1000_2500_5000	± 2.4_1.2_0.6_0.6	≤ 0.6_0.3_0.2_0.16

#### BeyonLab - InnoPette & NanoPette Multi Channel Pipette

1	2-20 µL	8_12	2_20	± 6_1.5	≤ 2.5_0.4
2	5-50 µL	8_12	5_50	± 3_1.2	≤ 1.5_0.4
3	20-200 µL	8	20_200	± 2.5_1	≤ 1.25_0.5





Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
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#### ***Tomos - EasyPette Single Channel Pipette***

1	0.2-2 μL	1	0.2_1_2	± 12_5_3	≤ 6_2.5_1
2	1-10 μL	1	1_5_10	± 4_1_1	≤ 3_1_0.5
3	2-20 μL	1	2_10_20	± 5_1_1	≤ 3_1_0.4
4	10-100 μL	1	10_50_100	± 2_1_0.8	≤ 1_0.3_0.3
5	20-200 μL	1	20_100_200	± 1_0.8_0.8	≤ 0.5_0.3_0.2
6	100-1000 μL	1	100_500_1000	± 1_0.8_0.7	≤ 0.5_0.3_0.2
7	1000-5000 μL	1	1000_2500_5000	± 1_0.8_0.6	≤ 0.3_0.3_0.2
8	1000-10000 μL	1	1000_5000_10000	± 2_0.8_0.4	≤ 0.4_0.3_0.2

#### ***Tomos - Smarter Electronic Single Channel Pipette***

1	0.5-10 μL	1	0.5_5_10	± 8_1.2_0.8	≤ 2.6_0.4_0.25
2	5-100 μL	1	5_50_100	± 7_0.76_0.4	≤ 2_0.24_0.15
3	20-300 μL	1	20_150_300	± 4_0.6_0.35	≤ 0.8_0.15_0.1
4	50-1200 μL	1	50_600_1200	± 3_0.5_0.375	≤ 0.8_0.13_0.1

#### ***Tomos - Smarter Electronic Multi Channel Pipette***

1	0.5-10 μL	8_12	0.5_5_10	± 8_1.6_1	≤ 4_0.8_0.6
2	5-100 μL	8_12	5_50_100	± 5_1_0.8	≤ 2.8_0.4_0.25
3	20-300 μL	8_12	20_150_300	± 5_1_0.8	≤ 0.9_0.25_0.2



MLA



	Volume Range	Colour Code	Channels	Test Volume (µL)	Inaccuracy (%)	Imprecision (%)
<b>MLA - D-Tipper Fix Volume Single Channel Pipette</b>						
1	2 µL	Red	1	2	± 2	≤ 2.5
2	3_4 µL	Gray_White	1	3_4	± 1.5	≤ 2.0
3	5_6_7 µL	Silver_Green_Purple		5_6_7	± 1	≤ 1.50
4	8_9 µL	Black_Blue	1	8_9	± 1	≤ 1.50
5	10 µL	Orange	1	10	± 1	≤ 1
1	5_15 µL	Silver	1	5_15	± 5	≤ 3.74_1.73
2	10 µL	Orange	1	10	± 5	≤ 2.60
3	20 µL	Black	1	20	± 3	≤ 1.35
4	25 µL	White	1	25	± 3	≤ 1.12
5	30_40 µL	Silver	1	30_40	± 3	≤ 0.93_0.70
6	50 µL	Green	1	50	± 2	≤ 0.80
7	60_70_80_90 µL	Silver	1	60_70_75_80_90	± 2	≤ 0.67_0.57_0.53_0.50_0.44
8	100 µL	Blue	1	100	± 1	≤ 0.54
9	120_150 µL	Silver	1	120_150	± 1	≤ 0.45_0.36
10	200 µL	Red	1	200	± 1	≤ 0.30
11	250 µL	Purple	1	250	± 1	≤ 0.72
12	300 µL	Brown	1	300	± 1	≤ 0.60
13	400_450 µL	Silver	1	400_450	± 1	≤ 0.50_0.44
14	500 µL	Yellow	1	500	± 1	≤ 0.40
15	600_700_750 µL	Silver	1	600_700_750	± 1	≤ 1_0.86_0.80
16	800_900 µL	Silver	1	800_900	± 1	≤ 0.75_0.67
17	1000 µL	Gray	1	1000	± 1	≤ 0.60
1	2000 µL	Red	1	2000	± 0.75	≤ 0.50
2	3000 µL	Green	1	3000	± 0.75	≤ 0.50
3	4000 µL	White	1	4000	± 0.75	≤ 0.50
4	5000 µL	Yellow	1	5000	± 0.75	≤ 0.50
5	6_7_8_9_10 mL	Red	1	6_7_8_9_10 mL	± 0.60	≤ 0.30
6	2_3_4_5 mL	Blue	1	2_3_4_5 mL	± 1	≤ 0.50

**MLA - Adjustable Volume Single Channel Pipette**

1	50-200 µL	Silver	1	50_100_200	± 2.5_1.5_1.3	≤ 0.8_0.54_0.3
2	1000-5000 µL	Blue	1	1000_3000_5000	± 1_1_1	≤ 0.5_0.5_0.6
3	2000-5000 µL	Blue	1	2_3_4_5 mL	± 1	≤ 0.5
4	10-50 µL	Green	1	10_30_50	± 5_3_2	≤ 2.6_0.93_0.8
5	50-200 µL	Red	1	50_125_200	± 2_1_1	≤ 0.8_0.43_0.5
6	200-1000 µL	Gray	1	200_600_1000	± 1_1_1	≤ 0.5_1_0.6

