

Micropipettes Fixed and Variable , Singlechannel and Multichannel

PKL PPC

Fixed and Variable Pipettes

High Performance

Digital Fixed/ Variable Micro Volume Pipette

Precision and accuracy are of the utmost importance when it comes to using pipettes, but existing products tend to fall short as they don't deliver reliable precision.

After years spent researching about customers' expectations and requirements related to micropipettes, PKL designed and developed the PKL VA-FA Pipette which combine a semi autoclavable lower assembly setup with a lightweight and ergonomic body for a hassle and pain-free pipetting experience while maintaining unmatched accuracy and precision.

- Tip ejector for smooth one-hand ejection of the tip preventing any contamination.
- Durable tip cone made of PVDF (Polyvinylidene Fluoride) offers the highest resistance to physical and chemical corrosion and is compatible with wide range of tips.
- Individual Serial No. permanently marked on each pipette for easy traceability
- Calibrated as per ISO 8655 In ISO 17045 Accredited L.ab
- Easy click stop volume setting



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ISO9001:2015 ISO13485:2016

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Variable Volume Pipettes

Cat. No.	Volume Range [μl]	Increments [μl]	Test Volume [μl]	Inaccuracy (±) %	Inaccuracy (±) μl	Imprecision(±) %	Imprecision(±) μl
VA-100	0.5-10 μl	0.1	1	2.5	0.03	1.5	0.02
			5	2	0.10	1	0.05
			10	1	0.10	0.8	0.08
VA-125	0.1 – 2.5 μl	0.01	0.25	12	0.03	6	0.02
			1.25	3	0.04	3	0.04
			2.5	2.5	0.06	1.6	0.04
VA-200	5-50 μl	0.5	5	2	0.10	2	0.10
			25	0.8	0.20	0.4	0.10
			50	0.6	0.3	0.3	0.15
VA-300	50-200 μl	1	50	1	0.50	0.4	0.20
			100	0.8	0.80	0.2	0.20
			200	0.60	1.20	0.15	0.30
VA-400	200-1000 μl	5	200	0.9	1.80	0.3	0.6
			500	0.75	3.75	0.25	1.25
			1000	0.60	6.00	0.2	2.00
	10-100 μl	0.5	10	3	0.30	1.5	0.15

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VA-500			50	1	0.5	0.5	0.25
			100	0.8	0.80	0.15	0.15
VA-600	100-1000 µl	5	100	2	2.00	0.7	0.70
			500	1	5.00	0.4	2.00
			1000	0.6	6.00	0.2	2.00
VA-700	2-20 µl	0.1	2	3	0.06	2	0.04
			10	1.5	0.15	1	0.10
			20	0.9	0.18	0.4	0.08
VA-800	20-200 µl	1	20	2	0.4	0.8	0.16
			100	0.7	0.70	0.3	0.30
			200	0.6	1.20	0.15	0.30
VA-900	1000-5000 µl	50	1000	0.8	8.00	0.3	3.00
			2500	0.6	15.00	0.2	5.00
			5000	0.5	25.00	0.15	7.50
VA-905	500-5000 µl	50	500	2	10.00	0.6	3.00
			2500	0.6	15.00	0.3	7.50
			5000	0.5	25.00	0.15	7.50
VA-1000	1000-10000 µl	100	1000	3	30.00	0.6	6.00
			5000	1.2	60.00	0.30	15.00
			10000	0.60	60.00	0.2	20.00

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VA-1005	500-10000 µl	100	1000	3	30.00	0.6	6.00
			5000	1.2	60.00	0.30	15.00
			10000	0.60	60.00	0.2	20.00

Fix Volume Pipettes

Cat. No.	Volume Range [µl]	Test Volume [µl]	Inaccuracy (±) %	Inaccuracy (±) µl %	Imprecision(±) %	Imprecision(±) µl%
FA-205	2.5 µl	2.5	2	0.05	1.6	0.04
FA-5	5 µl	5	1.3	0.07	1.2	0.06
FA-10	10 µl	10	0.8	0.08	0.8	0.08
FA-20	20 µl	20	0.6	0.12	0.5	0.10
FA-25	25 µl	25	0.5	0.13	0.3	0.08
FA-50	50 µl	50	0.5	0.25	0.3	0.15
FA-100	100 µl	100	0.5	0.50	0.3	0.30
FA-200	200 µl	200	0.4	0.80	0.2	0.40
FA-250	250 µl	250	0.4	1.00	0.2	0.50
FA-500	500 µl	500	0.3	1.50	0.2	1.00
FA-1000	1000 µl	1000	0.3	3.00	0.2	2.00
FA-2000	2000 µl	2000	0.3	6.00	0.15	0.03

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FA-5000	5000 μ l	5000	0.3	15.00	0.15	7.50
FA-10000	10000 μ l	10000	0.6	60.00	0.2	0.20

PKL VA-FA (Multi 8 Channel)

Includes all basics features of PKL single channel VA-FA & other feature like:

- Soft force / leak free tip loading and ejection.
- Easily removable & fully autoclavable manifold.
- Flexibility to operate pipette without twisting the wrist with the help of 360° rotatable Manifold.
- One hand tip ejection
- Attractive color coding
- Compatible with wide range of tips
- Available in 8 & 12 channels



Cat. No.	Volume Range [μ l]	Increments [μ l]	Test Volume [μ l]	Inaccuracy (\pm) %	Inaccuracy (\pm) μ l %	Imprecision(\pm) %	Imprecision(\pm) μ l%
MA8-010	0.5-10 μ l	0.1	10	1.5	0.15	1.5	0.15
			5	2.5	0.13	2.5	0.13
			1	4	0.04	4	0.04
MA8-050	5-50 μ l	0.5	50	1	0.50	0.7	0.35
			25	1.5	0.38	1	0.25
			5	3	0.15	2	0.10

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MA8-100	10 – 100 μ l	0.5	100	1	1.00	0.5	0.50
			50	1	0.50	0.5	0.25
			10	1.5	0.15	0.75	0.08
MA8-200	20-200 μ l	1	200	0.7	1.40	0.25	0.50
			100	1	1.00	0.4	0.40
			20	1.5	0.30	0.75	0.15
MA8-300	30-300 μ l	1	300	0.8	2.40	0.25	0.75
			150	1	1.50	0.5	0.75
			30	1.5	0.45	0.75	0.23

PKL VA-FA (Multi 12 Channel)

Cat. No.	Volume Range [μ l]	Increments [μ l]	Test Volume [μ l]	Inaccuracy (\pm) %	Inaccuracy (\pm) μ l %	Imprecision(\pm) %	Imprecision(\pm) μ l%
MA12-010	0.5-10 μ l	0.1	10	1.5	0.15	1.5	0.15
			5	2.5	0.13	2.5	0.13
			1	4	0.04	4	0.04
MA12-050	5-50 μ l	0.5	50	1	0.50	0.7	0.35
			25	1.5	0.38	1	0.25
			5	3	0.15	2	0.10
	10 – 100 μ l	0.5	100	1	1.00	0.5	0.50

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MA12-100			50	1	0.50	0.5	0.25
			10	1.5	0.15	0.75	0.08
MA12-200	20-200 μ l	1	200	0.7	1.40	0.25	0.50
			100	1	1.00	0.4	0.40
			20	1.5	0.30	0.75	0.15
MA12-300	30-300 μ l	1	300	0.8	2.40	0.25	0.75
			150	1	1.50	0.5	0.75
			30	1.5	0.45	0.75	0.23

*10ml pipette doesn't have tip ejector

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