Variable Volume Single Channel Micropipette - Fully Autoclavable - AV Series



The Fully Autoclavable Variable Volume Micropipette SV/AV Series is designed with high quality spring mechanism ensures softer plunger to provide high precision in micro pipetting. Nine volume ranges cover the complete pipetting range from 0.2µl to 10ml offering a wide choice to select the most suitable model for any application. The Iris AV Series Variable Volume Micropipette is suitable for today's sophisticated users in the field of Molecular biology, Microbiology, Immunology, cell culture, Analytical Chemistry, Biochemistry, Genetics etc.

The Iris pipettes are continuously adjustable, general purpose micropipettes for sampling and dispensing accurate liquid volume. Nine Models cover a range from 0.2µl to 10ml. The SV/AV Series adjustable volume micropipettes are fitted with easy to read digital display. The pipette are made of mechanically durable and autoclavable materials. Each pipette is fitted with a tip ejector to eliminate the risk of contamination.

- **Easy Volume Adjustment:** Easy Volume Adjustment by simply turning the plunger. Plunger does not snag gloves.
- **Universal Tip Cone:** Compatible with most of the internationally accepted standard tips.
- **Volume Setting:** Soft click sound at every increment ensures perfect volume setting and no accidental volume change. It also facilitates single handed operation.
- **Soft Grip & Ergonomic Design:** New body design with soft grip and improved ergonomy for more comfort and less fatigue during operation.
- **Digital Display: D**igit display with sub divisions provides small volume increments.
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- **Large Grippy:** Specially designed large grippy is provided for comfortable grip and ease during working.
- **Tip Ejector:** Built-in streamlined tip ejector facilitates easy tip ejection and access to narrow necked bottles and tubes.
- **Colour Coding:** Attractive colour coding for easy identification between different volume ranges.

Technical Data:

Model	Volume Range (µl)	Increment (µl)	Accuracy at 1.0 (±%)	Accuracy at 1.0 (±µl)	CV (±%)	CV (±µl)
AV-20	0.2 20	0.01	5	0.05	5	0.05
AV-10	0.5 10	0.1	4	0.08	2	0.04
AV-20	2 20	0.1	2	0.1	1	0.05
AV-50	5 50	1	1	0.1	0.5	0.05
AV-100	10 100	1	0.8	0.16	0.4	0.08
AV-200	20 200	1	0.8	0.2	0.4	0.1
AV-1000	100 1000	10	0.8	0.4	0.4	0.2
AV-5000	500 5000	100	0.6	0.6	0.2	0.2
AV-10000	1000 10000	100	0.6	1.2	0.2	0.4



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