

Variable Volume Micropipettes

Variable Volume Micropipettes are product of intensive ergonomic and operational studies and the application of modern innovative materials. They are the perfect manual pipettes for demanding laboratory applications for scientists who prefer central pipetting buttons. The Micropipettes provide all of the features required by users working in the life sciences field. Robust, One-handed operation, Easy calibration institutions, completely auto clavable, high precision and Easy Calibration technique for lasting reliability.

Features:

- Large central pipetting button and separate ejection function
- True one-handed operation for both right-and left-handers
- Completely autoclavable at 121°C(20 min)
- Volume-change protection
- 4-position volume display ,always clearly visible
- Easy Calibration technique-readjustment without special tools
- Changes from factory settings are clearly visible externally.
- Short stroke of only 12.5 mm to reduce the risk of RSI(Repetitive Strain Injury)
- Corrosion-resistant piston and ejector
- Color-coded for easy selection of the right tip
- CE-compliant

A central pipetting button, the one-handed operation, precise 4-position volume settings and a volume display that can be easily read by both right- and left-handed operators are only a few examples of the attention to detail in the design of the Variable Volume Micropipette

Lightweight - Accurate - low force:

The piston-operated Micropipettes provides maximum versatility and optimum quality over the entire volume range. There are single channel pipettes in the 0.1ul to 10ml range in variable volume .

Slim pipette shaft

The slim shaft allows pipetting into narrow vessels , without removing the tip ejector .

Volume coded

Easy distinguish

Tip cone

Due to the optimized standard design, other manufacturer's tips can be used .

Volume-change protection

A lock prevents unintended volume adjustments

Pipetting button

The centrally mounted, large Pipetting button allows uniform smooth movement of the piston.

volume adjustment

True one-handed volume adjustment for right –and left –handed operators –even with gloves.

Easy Calibration Technique

Changes from factory settings are externally visible!

Finger rest

The ergonomically designed finger rest takes the load off the hand . You do not need to grip the pipette tightly , So even prolonged pipetting operations can be completed with less fatigue .

Completely autoclavable

The entire instrument can be autoclaved at 121°C(20min) for maximum protection against contamination. UV resistant.

Variable Volume Single Channel Micropipette (121°C autoclavable)

Volume µl	Increment µl	A*≤± %	CV*≤ %
0.1-1µl	0.001ul	2	1.2
0.5-10µl	0.01ul	1	0.5
2-20µl	0.02ul	0.8	0.4
5-50µl	0.05ul	0.6	0.2
10-100µl	0.1ul	0.6	0.2
20-200µl	0.2ul	0.6	0.2
100-1000µl	1ul	0.6	0.2
500-5000µl	5ul	0.6	0.2
1000-10000µl	10ul	0.6	0.2

Calibrated to deliver (TD, Ex). Error limits according to the nominal capacity (= maximum volume) indicated on the instrument, obtained with instrument and distilled water at equilibrium with ambient temperature at 20 °C, and with smooth, steady operation. The error limits are within the limits of DIN EN ISO 8655-2. Conformity certified to DIN 12 600. A = Accuracy, CV = Coefficient of variation



One-handed operation



Easy calibration institutions



Color –Code
Easy selection of the right tip

