

Electronic Micropipette



ISO 17025



ISO 9001



UK
ISO 13485

ELECTRONIC MICROPIPETTE

Microlit Electronic Pipette is based on Stepper Motor with Microprocessor controlled piston movement. These are user friendly and offer effortless pipetting. Accuracy & Precision levels are very high and user-independent. This is a complete solution for every pipetting need.

- ◆ User friendly software.
- ◆ Easy, User friendly calibration.
- ◆ Rechargeable during operation.
- ◆ Optimized ergonomics and working comfort.
- ◆ Large Liquid Crystal Display (LCD).
- ◆ Built-in tip ejector.
- ◆ Five models cover the complete pipetting range from 0.2 μl to 5000 μl .

SPECIFICATIONS & ORDERING INFORMATION

Electronic Micropipettes

Model	Volume Range μl	Inc. μl	Acc.		CV	
			$\pm\%$	$\pm\mu\text{l}$	$\pm\%$	$\pm\mu\text{l}$
ME-10	0.2-10	0.05	1.2	0.12	0.8	0.08
ME-120	5-120	0.5	0.8	0.96	0.3	0.36
ME-300	20-300	1.0	0.8	2.4	0.3	0.9
ME-1000	50-1000	5.0	0.8	8	0.3	3
ME-5000	100-5000	10.0	0.8	40	0.3	15

Table1 - Maximum permissible errors as per ISO 8655-2

Nominal Volume	ISO 8655 Specification Maximum Permissible Systematic Error		Microlit Specification Maximum Permissible Systematic Error	
	$\pm\%$	$\pm\mu\text{l}$	$\pm\%$	$\pm\mu\text{l}$
10	1.2	0.12	0.8	0.08
100	0.8	0.8	0.3	0.3
200	0.8	1.6	0.3	0.6
500	0.8	4.0	0.3	1.5
1000	0.8	8.0	0.3	3.0
5000	0.8	40	0.3	15

Error limits (Accuracy & Coefficient of variation) 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 well within the limits of DIN EN ISO 8655-2.



Certifications



Satisfaction Guaranteed

Microlit products are manufactured under strict quality control and GMP norms. However, if you are dissatisfied in any way with the operation of any Microlit product, call us or your nearest Microlit dealer for a free replacement.



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