



ELECTRONIC MICROPIPETTE

CODE MGM043_MGM051

The electronic micropipettes are designed for precise and safe liquid dispensing in the laboratory, with a wide volume range. Compact, lightweight, and equipped with a detachable rechargeable battery, they offer multiple pipetting modes and reduce the risk of repetitive strain injury (RSI).

DIGIPETTE ELECTRO



- External rechargeable and detachable battery that reduces the device weight and allows extended use. Includes thermal control to prevent overheating and enables quick battery removal.
- Speed selection with three levels: Low (L), Medium (M), and High (H).
- Linear stepping motor for precise piston movement control, eliminating errors from approximation or parallax.
- Large, durable LCD display (tempered glass) showing battery status, calibration, and error messages in real time.
- 12 customizable pipetting modes to optimize protocols and workflow.
- 304 stainless steel tip cone, durable and easy to clean or autoclave, minimizing leakage and air bubbles.
- Internal memory to store up to 6 custom programs.
- Ergonomic design to reduce fatigue and facilitate handling.
- Adjustment wheel for fast volume setting and easy one-handed navigation.
- Soft keys for direct access to frequent settings, enhancing usability.

Technical Specifications:

Code	Volume	Increments (μ l)	Volume (μ l)	Inaccuracy		Imprecision	
				\pm %	\pm μ l	\pm %	\pm μ l
MGM043	0.2-10 μ l	0.05	10	1.0	0.1	0.40	0.04
MGM044	0.5-20 μ l	0.1	20	1.0	0.2	0.30	0.06
MGM045	2-100 μ l	0.5	100	0.6	0.6	0.15	0.15
MGM046	5-200 μ l	0.5	200	0.75	1.5	0.20	0.40
MGM047	10-300 μ l	1.0	300	0.4	1.2	0.15	0.45
MGM048	10-500 μ l	2.0	500	0.4	2.0	0.16	0.80
MGM049	50-1000 μ l	1.0	1000	0.4	4.0	0.15	1.50
MGM050	0.1-5 ml	10	5000	0.6	30.0	0.20	10.0
MGM051	1-10 ml	100	10000	0.6	60.0	0.16	16.0