



## UltraLite MICROPIPETTES

### SINGLE-CHANNEL MICROPIPETTES

- Fixed Volume Micropipettes
- Micropipettes Variable Volume
- Micropipettes Digipette Mini

### MULTICHANNEL MICROPIPETTES

- Micropipettes 8 channels
- Micropipettes 12 channels

### KITS AND ACCESSORIES

- Micropipette Kits
- Stand



## ADVANCED TECHNICAL FEATURES

Designed to optimise accuracy, user comfort and reliability in demanding laboratory applications.

#### ■ High precision dosing

Design minimises air gap between plunger and liquid ensuring greater dispensing accuracy

#### ■ Volume locking mechanism

Prevents unintentional volume adjustments during pipetting; ensuring stability and operational safety even during prolonged or repetitive use

#### ■ Fast and accurate calibration

Allows direct and efficient calibration in the lab, without requiring repetitive adjustments or complex procedures

#### ■ Integrated tip ejector

Incorporates an ejector system that applies just the right amount of force and improves the aesthetic appearance of the equipment.

#### ■ Smooth drive of the dosing mechanism

It offers a very light pipetting experience, with forces of 5-3 N in the first stage and 14-10 N in the second stage.

#### ■ Quick volume adjustment wheel

Allows fast volume setting through smooth plunger rotation

#### ■ Housing made of polycarbonate

Tough, lightweight and durable material; protects against scratches and dirt

#### ■ Ergonomic and lightweight design

Easy one-handed handling, ideal for prolonged use without fatigue

#### ■ Cone compatible with universal tips

Supports most standard tips available on the international market

#### ■ Autoclavable

Can be autoclaved at 121°C and 15 psi for 15-20 minutes.



# UltraLite MICROPIPETTES

## SINGLE-CHANNEL MICROPIPETTES

Micropipettes **UltraLite<sup>FX</sup>**

Fixed Volume



Code	Volume	Inaccuracy		Imprecision	
		± %	± $\mu\text{L}$	± %	± $\mu\text{L}$
MGD102	5 $\mu\text{L}$	2.0	0.10	1.0	0.05
MGD103	10 $\mu\text{L}$	1.0	0.10	0.5	0.05
MGD104	20 $\mu\text{L}$	0.8	0.16	0.4	0.08
MGD105	50 $\mu\text{L}$	0.8	0.40	0.4	0.20
MGD106	100 $\mu\text{L}$	0.6	0.60	0.2	0.20
MGD107	200 $\mu\text{L}$	0.6	1.20	0.2	0.40
MGD108	500 $\mu\text{L}$	0.6	3.00	0.2	1.00
MGD109	1000 $\mu\text{L}$	0.6	6.00	0.2	2.00
MGD110	2000 $\mu\text{L}$	0.6	12.0	0.2	4.00

# UltraLite<sup>FX</sup>



# UltraLite MICROPIPETTES

## SINGLE-CHANNEL MICROPIPETTES

### Micropipettes UltraLite<sup>VR</sup>

Variable Volume



Code	Volume	Increments ( $\mu$ l)	Inaccuracy		Imprecision	
			$\pm$ %	$\pm$ $\mu$ L	$\pm$ %	$\pm$ $\mu$ L
MGB101	0.2-2 $\mu$ L	0.004	2.0	0.04	1.2	0.024
MGB102	0.5-10 $\mu$ L	0.01	1.0	0.10	0.5	0.05
MGB103	2-20 $\mu$ L	0.02	0.8	0.16	0.4	0.08
MGB104	5-50 $\mu$ L	0.04	0.8	0.40	0.4	0.20
MGB105	10-100 $\mu$ L	0.1	0.6	0.60	0.2	0.20
MGB106	20-200 $\mu$ L	0.2	0.6	1.20	0.2	0.40
MGB107	100-1000 $\mu$ L	1.0	0.6	6.00	0.2	2.00
MGB108	0.5-5 mL	4.0	0.6	30.0	0.2	10.0
MGB109	1-10 mL	10.0	0.6	60.0	0.2	20.0

# UltraLite<sup>VR</sup>



# UltraLite MICROPIPETTES

## SINGLE-CHANNEL MICROPIPETTES

### UltraLite Mini Micropipettes

Fixed Volume



- Optimal size for comfort, 130 mm in length

Code	Volume	Inaccuracy	Imprecision
		± %	± %
MGD111	5 $\mu$ L	2.5	1.5
MGD112	10 $\mu$ L	1.2	0.8
MGD113	20 $\mu$ L	1.0	0.5
MGD114	25 $\mu$ L	1.0	0.4
MGD115	50 $\mu$ L	1.0	0.4
MGD116	100 $\mu$ L	0.8	0.3
MGD117	200 $\mu$ L	0.8	0.3

# UltraLiteMini



# UltraLite MICROPIPETTES

## MULTICHANNEL MICROPIPETTES

### M<sup>8</sup> Micropipettes

Variable Volume



8 CHANNELS						
Code	Volume	Increments ( $\mu$ L)	Inaccuracy		Imprecision	
			$\pm$ %	$\pm$ $\mu$ L	$\pm$ %	$\pm$ $\mu$ L
MGG040	0.5-10 $\mu$ L	0.01	1.6	0.16	1.0	0.01
MGG041	2-20 $\mu$ L	0.02	0.8	0.16	0.40	0.08
MGG042	5-50 $\mu$ L	0.04	0.8	0.40	0.40	0.20
MGG043	10-100 $\mu$ L	0.20	0.8	0.80	0.30	0.30
MGG044	20-200 $\mu$ L	0.20	0.8	1.60	0.30	0.60
MGG045	40-300 $\mu$ L	0.40	0.8	2.40	0.30	0.90

# UltraLite M<sup>8</sup>



# UltraLite MICROPIPETTES

## MULTICHANNEL MICROPIPETTES

### M<sup>12</sup> Micropipettes

Variable Volume



#### 12 CHANNELS

Code	Volume	Increments ( $\mu$ l)	Inaccuracy		Imprecision	
			$\pm$ %	$\pm$ $\mu$ L	$\pm$ %	$\pm$ $\mu$ L
MGG046	0.5-10 $\mu$ L	0.01	1.6	0.16	1.0	0.01
MGG047	2-20 $\mu$ L	0.02	0.8	0.16	0.40	0.08
MGG048	5-50 $\mu$ L	0.04	0.8	0.40	0.40	0.20
MGG049	10-100 $\mu$ L	0.20	0.8	0.80	0.30	0.30
MGG050	20-200 $\mu$ L	0.20	0.8	1.60	0.30	0.60
MGG051	40-300 $\mu$ L	0.40	0.8	2.40	0.30	0.90

# UltraLite M<sup>12</sup>



# UltraLite MICROPIPETTES

## KITS AND ACCESSORIES

### UltraLite KitV Kit

Variable Volume



- Each part number combines 3 or 4 variable volume micropipettes, together with model-specific compatible tip boxes and a 6-position holder.

Code	Number of pipettes	Volume
MGB110	3	2-20 $\mu\text{L}$ 20-200 $\mu\text{L}$ 100-1000 $\mu\text{L}$
MGB111	4	0.2-2 $\mu\text{L}$ 0.5-10 $\mu\text{L}$ 5-50 $\mu\text{L}$ 10-100 $\mu\text{L}$

# UltraLiteKitV



# UltraLite MICROPIPETTES

## KITS AND ACCESSORIES

### Support

- **Material:** made of polypropylene, allowing for easy and effective cleaning
- **Stable base:** Designed for easy one-handed operation, providing greater comfort and stability.
- **360° rotating head:** full rotation capability allows the user to place or remove micropipettes easily from any angle
- **Capacity:** This holder can accommodate up to 3 multichannel micropipettes, 6 single channel micropipettes or a combination of 3 single channel and 3 multichannel micropipettes.
- **Lightweight and easy to transport:** Thanks to its compact and lightweight design, this carousel stand can easily be placed in a laboratory without taking up much space.



Code	MGT028
Height	323 mm
Base diameter	195 mm
Material	PP
Autoclavable	Non-autoclavable

# MGT028