



## UltraLite micropipettes

**SINGLE-CHANNEL MICROPIPETTES:** fixed volume, variable volume, mini

**MULTICHANNEL MICROPIPETTES:** 8 y 12 canales

**KITS Y ACCESORIOS:** kits de 3 y 4 micropipetas , soportes



## ADVANCED TECHNICAL FEATURES

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

### 1/ High precision dosing

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

### 2/ Volume locking mechanism

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

### 3/ Fast and accurate calibration

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

### 4/ Integrated tip ejector

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

### 5/ 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.

### 6/ Quick volume adjustment wheel

Allows fast volume setting through smooth plunger rotation

### 7/ Housing made of polycarbonate

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

### 8/ Ergonomic and lightweight design

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

### 9/ Cone compatible with universal tips

Supports most standard tips available on the international market

### 10/ Autoclavable

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



## UltraLite<sup>FX</sup>

Single-channel micropipettes  
Fixed volume



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

## UltraLite<sup>VR</sup>

Single-channel micropipettes  
Variable volume



| Code   | Volume      | Increments (µl) | Inaccuracy |      | Imprecision |       |
|--------|-------------|-----------------|------------|------|-------------|-------|
|        |             |                 | ± %        | ± µL | ± %         | ± µL  |
| MGB101 | 0.2-2 µL    | 0.004           | 2.0        | 0.04 | 1.2         | 0.024 |
| MGB102 | 0.5-10 µL   | 0.01            | 1.0        | 0.10 | 0.5         | 0.05  |
| MGB103 | 2-20 µL     | 0.02            | 0.8        | 0.16 | 0.4         | 0.08  |
| MGB104 | 5-50 µL     | 0.04            | 0.8        | 0.40 | 0.4         | 0.20  |
| MGB105 | 10-100 µL   | 0.1             | 0.6        | 0.60 | 0.2         | 0.20  |
| MGB106 | 20-200 µL   | 0.2             | 0.6        | 1.20 | 0.2         | 0.40  |
| MGB107 | 100-1000 µL | 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 M<sup>8</sup>

Multichannel micropipettes  
8 channels



M M 8

| Code   | Volume         | Increments<br>( $\mu$ 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>12</sup>

Multichannel micropipettes  
12 channels



M M 12

| Code   | Volume         | Increments<br>( $\mu$ 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 MINI

Single-channel micropipettes  
Fixed volume



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

Optimal size for comfort, 130 mm in length

## UltraLite KitV

Single-channel micropipettes  
Fixed volume



| Code   | Number of pipettes | Volume  |
|--------|--------------------|---|
| MGB110 | 3                  | 2-20 µL<br>20-200 µL<br>100-1000 µL           |
| MGB111 | 4                  | 0.2-2 µL<br>0.5-10 µL<br>5-50 µL<br>10-100 µL |

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



# UltraLite StandPro

Kits and accessories  
Stand



- **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.

## Technical features

|               |        |
|---------------|--------|
| Code          | MGT028 |
| Height        | 323 mm |
| Base diameter | 195 mm |
| Material      | PP     |



## Compatibility of pipettes with Digipette tips

| VOL        | Ultralite VR          | 10 L   |        |        |        |        |        | 20 L   |        |        | 100 L  |        | 200 L  |        |        |        |        | 1000 L |        |        |        |        |  |
|------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
|            |                       | MJB032 | MJB033 | MJB034 | MJB035 | MJB036 | MJB011 | MJD010 | MJD011 | MJD012 | MJG005 | MJG006 | MJJ040 | MJJ041 | MJJ043 | MJJ044 | MJJ016 | MJN038 | MJN040 | MJN041 | MJN042 | MJN015 |  |
| 0,2-2      | MGB10 1               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 0,5-10     | MGB102                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 2,0-20     | MGB103                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 5,0-50     | MGB104                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 10-100     | MGB105                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 20-200     | MGB106                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 100-1000   | MGB107                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 0,5-5 ML   | MGB108*               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| <b>VOL</b> | <b>Ultralite VR</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 5          | MGD102                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 10         | MGD103                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 20         | MGD104                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 50         | MGD105                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 100        | MGD106                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 200        | MGD107                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 500        | MGD108                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 1000       | MGD109                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 2000       | MGD110*               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| <b>VOL</b> | <b>Ultralite Mini</b> |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 5          | MGD111                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 10         | MGD112                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 20         | MGD113                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 25         | MGD114                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 50         | MGD115                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 100        | MGD116                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 200        | MGD117                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| <b>VOL</b> | <b>Ultralite M8</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 0,5-10     | MGG040                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 2,0-20     | MGG041                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 5,0-50     | MGG042                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 10-100     | MGG043                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 20-200     | MGG044                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 40-300     | MGG045*               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| <b>VOL</b> | <b>Ultralite M12</b>  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 0,5-10     | MGG046                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 2,0-20     | MGG047                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 5,0-50     | MGG048                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 10-100     | MGG049                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 20-200     | MGG050                |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| 40-300     | MGG051*               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |

\*MGD110: Compatible with MJQ004 from Kartell

\*MGG045: Compatible with MJL010 and MJL011 from Socorex

\*MGG051: Compatible with MJL010 and MJL011 from Socorex

\*MGB108: Compatible with MJQ004 from Kartell