



# pipetman<sup>®</sup>

## M



### PIPETTE SMARTER. REPORT FASTER. CONFIDENTLY.

PIPETMAN<sup>®</sup> M is an electronic pipette that offers accuracy and precision in both standard and repetitive pipetting modes. Requiring virtually no pipetting forces to aspirate and dispense samples, PIPETMAN M helps reduce pipetting fatigue and increase pipetting efficiency. PIPETMAN M is available in 20 models covering a volume range from 0.5  $\mu$ L to 10 mL in single channel, and 0.5  $\mu$ L to 1200  $\mu$ L in multichannel.

#### EASE-OF-USE

Simple-to-use, motorized pipette—two-button operation. With a streamlined user interface, five pipetting modes, control of your sample prep is at your fingertips. Switch into custom mode to create a new protocol. Save and transfer your protocol securely into PIPETMAN<sup>®</sup> M Software for recall at a later date.

#### ON-TARGET PERFORMANCE

Trust in your results with guaranteed performance in both standard and repetitive pipetting mode.

#### PIPETMAN<sup>®</sup> M CONNECTED

PIPETMAN M Connected is a Bluetooth<sup>®</sup>-enabled electronic pipette that offers complete access to your pipette information through the PipetteScope™ app available on Google Play.

Know exactly when your pipette needs to be calibrated. In one location, access service history reports and gain visibility of the pipette usage analytics.

**PIPETMAN M Connected is available in Europe and the United States only.**

## PIPETMAN M/PIPETMAN M CONNECTED SINGLE CHANNEL



| Model  | PIPETMAN® DIAMOND Tips |                  | Part Number      | Gilson Specifications |                           |  |  | REPETITIVE Mode Volume |
|--------|------------------------|------------------|------------------|-----------------------|---------------------------|--|--|------------------------|
|        |                        |                  | M                | Standard PIPET mode   |                           |  |  |                        |
|        |                        |                  | M Connected      | Volume Range          | Volume (µL)               | Systematic Error (µL)                    | Random Error (µL)                        |                        |
| P10M   | D10<br>DL10            | DF10<br>DFL10    | F81022<br>F81040 | 0.5-10 µL             | 0.5<br>1<br>5<br>10       | ± 0.040<br>± 0.025<br>± 0.060<br>± 0.080 | ≤ 0.013<br>≤ 0.012<br>≤ 0.020<br>≤ 0.025 | 0.5-10 µL              |
| P20M   | D200                   | DF30             | F81023<br>F81041 | 2-20 µL               | 2<br>10<br>20             | ± 0.075<br>± 0.100<br>± 0.150            | ≤ 0.025<br>≤ 0.035<br>≤ 0.050            | 2-20 µL                |
| P100M  | D200                   | D100             | F81013<br>F81042 | 5-100 µL              | 5<br>10<br>50<br>100      | ± 0.35<br>± 0.30<br>± 0.38<br>± 0.40     | ≤ 0.10<br>≤ 0.10<br>≤ 0.12<br>≤ 0.15     | 5-100 µL               |
| P200M  | D200<br>D300           | DF200<br>DF300   | F81024<br>F81043 | 20-200 µL             | 20<br>100<br>200          | ± 0.40<br>± 0.80<br>± 1.00               | ≤ 0.15<br>≤ 0.22<br>≤ 0.26               | 5-200 µL               |
| P300M  | D200<br>D300           | DF200<br>DF300   | F81014<br>F81044 | 20-300 µL             | 20<br>30<br>150<br>300    | ± 0.80<br>± 0.70<br>± 0.90<br>± 1.05     | ≤ 0.16<br>≤ 0.20<br>≤ 0.23<br>≤ 0.30     | 10-300 µL              |
| P1200M | D1000<br>D1200         | DF1000<br>DF1200 | F81015<br>F81045 | 100-1200 µL           | 100<br>120<br>600<br>1200 | ± 2.5<br>± 2.4<br>± 3.6<br>± 6.0         | ≤ 0.4<br>≤ 0.4<br>≤ 0.8<br>≤ 1.2         | 20-1200 µL             |
| P5000M | D5000                  |                  | F81016<br>F81046 | 500-5000 µL           | 500<br>2500<br>5000       | ± 10<br>± 15<br>± 25                     | ≤ 2<br>≤ 4<br>≤ 7                        | 100-5000 µL            |
| P10mLM | D10mL                  |                  | F81017<br>F81047 | 1-10 mL               | 1 mL<br>5 mL<br>10 mL     | ± 25<br>± 30<br>± 50                     | ≤ 4<br>≤ 8<br>≤ 12                       | 200 µL-10 mL           |

## PIPETMAN M/PIPETMAN M CONNECTED MULTICHANNEL



|           |              |                         |                  |            |                          |                                      |                                       |            |
|-----------|--------------|-------------------------|------------------|------------|--------------------------|--------------------------------------|---------------------------------------|------------|
| P8x10M    | D10<br>DL10  | DF10<br>DFL10           | F81025<br>F81048 | 0.5-10 µL  | 0.5<br>1<br>5<br>10      | ± 0.05<br>± 0.04<br>± 0.08<br>± 0.10 | ≤ 0.02<br>≤ 0.02<br>≤ 0.04<br>≤ 0.06  | 0.5-10 µL  |
| P12x10M   |              |                         | F81026<br>F81049 |            |                          |                                      |                                       |            |
| P8x20M    | DL10<br>D200 | DFL10<br>DF30           | F81027<br>F81050 | 1-20 µL    | 1<br>2<br>10<br>20       | ± 0.08<br>± 0.09<br>± 0.15<br>± 0.25 | ≤ 0.05<br>≤ 0.06<br>≤ 0.10<br>≤ 0.12  | 1-20 µL    |
| P12x20M   |              |                         | F81028<br>F81051 |            |                          |                                      |                                       |            |
| P8x100M   | D200         | DF100                   | F81018<br>F81052 | 10-100 µL  | 10<br>50<br>100          | ± 0.25<br>± 0.50<br>± 0.80           | ≤ 0.14<br>≤ 0.20<br>≤ 0.25            | 5-100 µL   |
| P12x100M  |              |                         | F81019<br>F81053 |            |                          |                                      |                                       |            |
| P8x200M   | D200<br>D300 | DF100<br>DF200<br>DF300 | F81029<br>F81054 | 20-200 µL  | 20<br>100<br>200         | ± 0.50<br>± 1.00<br>± 2.00           | ≤ 0.16<br>≤ 0.30<br>≤ 0.50            | 5-200 µL   |
| P12x200M  |              |                         | F81030<br>F81055 |            |                          |                                      |                                       |            |
| P8x300M   | D200<br>D300 | DF200<br>DF300          | F81031<br>F81056 | 10-300 µL  | 10<br>30<br>150<br>300   | ± 1.00<br>± 1.00<br>± 1.50<br>± 2.40 | ≤ 0.18<br>≤ 0.18<br>≤ 0.375<br>≤ 0.45 | 10-300 µL  |
| P12x300M  |              |                         | F81032<br>F81057 |            |                          |                                      |                                       |            |
| P8x1200M  | D1200        | DF1200                  | F81020<br>F81058 | 50-1200 µL | 50<br>120<br>600<br>1200 | ± 4.0<br>± 4.0<br>± 6.0<br>± 9.6     | ≤ 0.7<br>≤ 0.7<br>≤ 1.5<br>≤ 1.8      | 50-1200 µL |
| P12x1200M |              |                         | F81021<br>F81059 |            |                          |                                      |                                       |            |

Gilson maximum permissible errors are guaranteed only when PIPETMAN® pipettes are used with the recommended PIPETMAN® DIAMOND Tips. For more information about guaranteed performance, visit [www.gilson.com](http://www.gilson.com). Under these conditions: Gilson volumetric specifications in standard pipetting (PIPET mode) are guaranteed with a performance exceeding ISO 8655-2 recommendations for this mode. In the absence of ISO recommendations for repetitive pipetting mode for air-displacement pipettes, Gilson volumetric specifications for repetitive pipetting (REPETITIVE mode) are guaranteed within ISO 8655-2 recommendations for standard pipetting (Cf. ISO 8655-2 table 1).

## ACCESSORIES

| Accessory                  | Part Number |
|----------------------------|-------------|
| PIPETMAN M Power Carrousel | F81001      |
| PIPETMAN M Stand Adaptor   | F807023     |

For our full range of pipette accessories, see page 19.



# pipetman<sup>®</sup>

## L

### INCREASE PRODUCTIVITY WITHOUT SACRIFICING COMFORT

PIPETMAN<sup>®</sup> L is the latest mechanical pipette from Gilson, built on ergonomics, comfort, and traceability research. This pipette combines the legendary robustness of the PIPETMAN<sup>®</sup> Classic, a newly designed body, and state of the art mechanism.

### ALL DAY PIPETTING COMFORT

Balance is key to a comfortable pipette. PIPETMAN L has the ideal weight, handle shape and tip ejection to maximize just that.

### SECURE PIPETTING

PIPETMAN L features a true volume-locking mechanism to guarantee no accidental volume change during pipetting cycles, which could alter accuracy and precision.

Every aspect of the PIPETMAN L has been designed with your hand in mind to help increase daily productivity and pipette longer without fatiguing your hand.

PIPETMAN L multichannel models offer optimized performance across channels for a uniform sample delivery.

PIPETMAN L is also available as a fixed volume pipette.

### FULLY AUTOCLAVABLE\*









PIPETMAN L variable volume models are fully autoclavable without disassembly for maximum convenience, as well as protection from cross-contamination.

\*To determine if your PIPETMAN L is autoclavable, check to see if the serial number begins with NK.










PIPETMAN<sup>®</sup> L Multichannel

## PIPETMAN® L SINGLE CHANNEL—VARIABLE VOLUME MODELS

| Model   | PIPETMAN® DIAMOND Tips |                  | Part Number                  |                      | Volume (µL)           | Maximum Permissible Errors               |  |                                      |                                      |
|---|------------------------|------------------|------------------------------|----------------------|-----------------------|--|--|--------------------------------------|--------------------------------------|
|   |                        |                  | With Stainless Steel Ejector | With Plastic Ejector |                       | Gilson                                   |  | ISO 8655                             |                                      |
|   |                        |                  |                              |                      |                       | Systematic Error (µL)                    | Random Error (µL)                        | Systematic Error (µL)                | Random Error (µL)                    |
|  P2L     | D10<br>DL10            | DF10<br>DFL10    | FA10001M                     | FA10001P             | 0.2<br>0.5<br>1<br>2  | ± 0.024<br>± 0.025<br>± 0.027<br>± 0.030 | ≤ 0.012<br>≤ 0.012<br>≤ 0.013<br>≤ 0.014 | ± 0.08<br>± 0.08<br>± 0.08<br>± 0.08 | ≤ 0.04<br>≤ 0.04<br>≤ 0.04<br>≤ 0.04 |
|  P10L*   | D10<br>DL10            | DF10<br>DFL10    | FA10002M                     | FA10002P             | 1<br>5<br>10          | ± 0.025<br>± 0.075<br>± 0.100            | ≤ 0.012<br>≤ 0.030<br>≤ 0.040            | ± 0.12<br>± 0.12<br>± 0.12           | ≤ 0.08<br>≤ 0.08<br>≤ 0.08           |
|  P20L    | D200                   | DF30             | FA10003M                     | FA10003P             | 2<br>10<br>20         | ± 0.10<br>± 0.10<br>± 0.20               | ≤ 0.030<br>≤ 0.050<br>≤ 0.060            | ± 0.2<br>± 0.2<br>± 0.2              | ≤ 0.1<br>≤ 0.1<br>≤ 0.1              |
|  P100L   | D200                   | DF100            | FA10004M                     | FA10004P             | 10<br>50<br>100       | ± 0.35<br>± 0.40<br>± 0.80               | ≤ 0.10<br>≤ 0.12<br>≤ 0.15               | ± 0.8<br>± 0.8<br>± 0.8              | ≤ 0.3<br>≤ 0.3<br>≤ 0.3              |
|  P200L   | D200<br>D300           | DF200<br>DF300   | FA10005M                     | FA10005P             | 20<br>100<br>200      | ± 0.50<br>± 0.80<br>± 1.60               | ≤ 0.20<br>≤ 0.25<br>≤ 0.30               | ± 1.6<br>± 1.6<br>± 1.6              | ≤ 0.6<br>≤ 0.6<br>≤ 0.6              |
|  P1000L  | D1000<br>D1200         | DF1000<br>DF1200 | FA10006M                     | FA10006P             | 100<br>500<br>1000    | ± 3.0<br>± 4.0<br>± 8.0                  | ≤ 0.6<br>≤ 1.0<br>≤ 1.5                  | ± 8.0<br>± 8.0<br>± 8.0              | ≤ 3.0<br>≤ 3.0<br>≤ 3.0              |
|  P5000L  | D5000                  |                  | FA10007**                    |                      | 500<br>2500<br>5000   | ± 12<br>± 15<br>± 30                     | ≤ 3<br>≤ 5<br>≤ 8                        | ± 40<br>± 40<br>± 40                 | ≤ 15.0<br>≤ 15.0<br>≤ 15.0           |
|  P10mLL | D10mL                  |                  | FA10008**                    |                      | 1000<br>5000<br>10000 | ± 30<br>± 40<br>± 60                     | ≤ 6<br>≤ 10<br>≤ 16                      | ± 60<br>± 60<br>± 60                 | ≤ 30.0<br>≤ 30.0<br>≤ 30.0           |

## PIPETMAN® L MULTICHANNEL

|  |              |                |         |         |        |        |        |        |
|--|--------------|----------------|---------|---------|--------|--------|--------|--------|
|  P8x10L   | D10<br>DL10  | DF10<br>DFL10  | FA10013 | 0.5     | ± 0.08 | ≤ 0.04 | ± 0.24 | ≤ 0.16 |
|  |              |                | FA10014 | 1       | ± 0.08 | ≤ 0.05 | ± 0.24 | ≤ 0.16 |
|  P12x10L  | D10<br>DL10  | DF10<br>DFL10  |         | FA10014 | 5      | ± 0.20 | ≤ 0.10 | ± 0.24 |
|  |              |                | 10      |         | ± 0.20 | ≤ 0.10 | ± 0.24 | ≤ 0.16 |
|  P8x20L   | DL10<br>D200 | DFL10<br>DF30  | FA10009 | 2       | ± 0.10 | ≤ 0.08 | ± 0.4  | ≤ 0.20 |
|  |              |                | FA10010 | 10      | ± 0.20 | ≤ 0.10 | ± 0.4  | ≤ 0.20 |
|  P12x20L  | D200         | DF30           |         | FA10010 | 20     | ± 0.40 | ≤ 0.15 | ± 0.4  |
|  |              |                | FA10011 |         | 20     | ± 0.50 | ≤ 0.25 | ± 3.2  |
|  P8x200L  | D200<br>D300 | DF200<br>DF300 |         | FA10011 | 100    | ± 1.00 | ≤ 0.40 | ± 3.2  |
|  |              |                | FA10012 |         | 200    | ± 2.00 | ≤ 0.50 | ± 3.2  |
|  P8x300L  | D200<br>D300 | DF200<br>DF300 |         | FA10015 | 20     | ± 1.00 | ≤ 0.35 | ± 8.0  |
|  |              |                | FA10016 |         | 30     | ± 1.00 | ≤ 0.35 | ± 8.0  |
|  P12x300L | D200<br>D300 | DF200<br>DF300 |         | FA10016 | 150    | ± 1.50 | ≤ 0.60 | ± 8.0  |
|  |              |                | 300     |         | ± 3.00 | ≤ 1.00 | ± 8.0  | ≤ 3.0  |

\* P10L model can be used up to 0.5 µL.

\*\* P5000L and P10mLL do not have tip ejectors.

For a pipette with a plastic tip ejector, the part number ends with the letter P.

For a pipette with a stainless steel tip ejector, the part number is ends with the letter M.

Gilson maximum permissible errors are guaranteed only when PIPETMAN pipettes are used with the recommended PIPETMAN DIAMOND Tips.

## PIPETMAN® L KITS

| Model                       | Part Number | PIPETMAN L Models              | PIPETMAN® DIAMOND Tips | Accessories  |
|-----------------------------|-------------|--------------------------------|------------------------|--|
| PIPETMAN L Starter Kit      | F167350     | P20L<br>P200L<br>P1000L        | D200<br>D1000          | 3 SINGLE™ pipette holders<br>3 plastic ejectors<br>1 Gilson Guide to Pipetting<br>1 Two-minute inspection poster |
| PIPETMAN L Micro-volume Kit | F167550     | P2L<br>P10L<br>P100L           | DL10<br>D200           | 3 SINGLE™ pipette holders<br>3 plastic ejectors<br>1 Gilson Guide to Pipetting<br>1 Two-minute inspection poster |
| PIPETMAN L 4-pipette Kit    | F167370     | P2L<br>P20L<br>P200L<br>P1000L | DL10<br>D200<br>D1000  | 4 SINGLE™ pipette holders<br>1 Gilson Guide to Pipetting<br>1 Two-minute inspection poster                       |



# pipetman<sup>®</sup>

## G

### PREMIUM PIPETTING COMFORT

PIPETMAN<sup>®</sup> G builds a new level of comfort into the Gilson range with a redesigned piston mechanism that significantly reduces the force needed to aspirate and dispense liquids. PIPETMAN G maintains the trusted durability, accuracy, and reliability of the PIPETMAN<sup>®</sup> Classic, but with added comfort.

### PIPETTING COMFORT

Offers one of the lowest pipetting forces available on the market due to a new easy glide piston displacement for hours of comfortable pipetting.

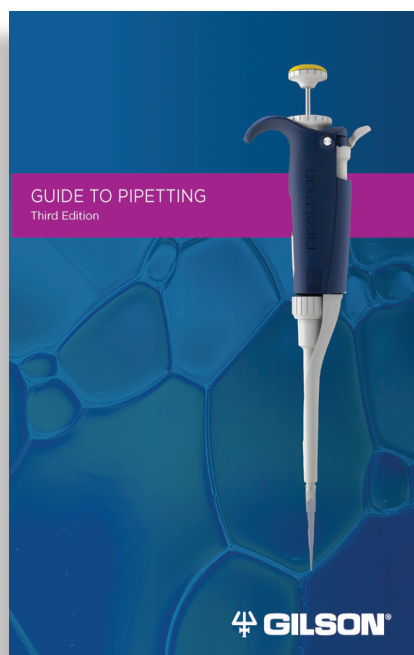
### RELIABLE RESULTS

Offers Gilson's legendary accuracy, precision, and robustness with added comfort.

### ROBUST AND FLEXIBLE









Available with plastic or stainless steel ejectors.

Plastic ejector recommended for working with corrosive samples.



For nearly five decades, Gilson has been designing pipettes that exceed expectations when it comes to accurate and precise sample measurement. We want to share our expertise in pipetting with you through the *Gilson Guide to Pipetting*, a book that is a great resource for selecting the right pipette for your application, pipetting best practices, pipetting techniques, and more.

## PIPETMAN® G SINGLE CHANNEL

| Model  | PIPETMAN® DIAMOND Tips |                      | Part Number                  |                      | Volume (µL)           | Maximum Permissible Errors    |                               |                            |                            |
|--|------------------------|----------------------|------------------------------|----------------------|-----------------------|-------------------------------|-------------------------------|----------------------------|----------------------------|
|  |                        |                      | With Stainless Steel Ejector | With Plastic Ejector |                       | Gilson                        |                               | ISO 8655                   |                            |
|  |                        |                      |                              |                      |                       | Systematic Error (µL)         | Random Error (µL)             | Systematic Error (µL)      | Random Error (µL)          |
|  P2G        | D10<br>DL10            | DF10ST<br>DFL10ST    | F144054M                     | F144054P             | 0.2<br>0.5<br>2       | ± 0.024<br>± 0.025<br>± 0.030 | ≤ 0.012<br>≤ 0.012<br>≤ 0.014 | ± 0.08<br>± 0.08<br>± 0.08 | ≤ 0.04<br>≤ 0.04<br>≤ 0.04 |
|  P10G*      | D10<br>DL10            | DF10ST<br>DFL10ST    | F144055M                     | F144055P             | 1<br>5<br>10          | ± 0.025<br>± 0.075<br>± 0.100 | ≤ 0.012<br>≤ 0.030<br>≤ 0.040 | ± 0.12<br>± 0.12<br>± 0.12 | ≤ 0.08<br>≤ 0.08<br>≤ 0.08 |
|  P20G       | D200                   | DF30ST               | F144056M                     | F144056P             | 2<br>10<br>20         | ± 0.10<br>± 0.10<br>± 0.20    | ≤ 0.030<br>≤ 0.050<br>≤ 0.060 | ± 0.2<br>± 0.2<br>± 0.2    | ≤ 0.1<br>≤ 0.1<br>≤ 0.1    |
|  P100G      | D200                   | DF100ST              | F144057M                     | F144057P             | 10<br>50<br>100       | ± 0.35<br>± 0.40<br>± 0.80    | ≤ 0.10<br>≤ 0.12<br>≤ 0.15    | ± 0.8<br>± 0.8<br>± 0.8    | ≤ 0.3<br>≤ 0.3<br>≤ 0.3    |
|  P200G      | D200<br>D300           | DF200ST<br>DF300ST   | F144058M                     | F144058P             | 20<br>100<br>200      | ± 0.50<br>± 0.80<br>± 1.60    | ≤ 0.20<br>≤ 0.25<br>≤ 0.30    | ± 1.6<br>± 1.6<br>± 1.6    | ≤ 0.6<br>≤ 0.6<br>≤ 0.6    |
|  P1000G     | D1000<br>D1200         | DF1000ST<br>DF1200ST | F144059M                     | F144059P             | 100<br>500<br>1000    | ± 3.0<br>± 4.0<br>± 8.0       | ≤ 0.6<br>≤ 1.0<br>≤ 1.5       | ± 8.0<br>± 8.0<br>± 8.0    | ≤ 3.0<br>≤ 3.0<br>≤ 3.0    |
|  P5000G**   | D5000                  |                      | F144066                      |                      | 500<br>2500<br>5000   | ± 12<br>± 15<br>± 30          | ≤ 3<br>≤ 5<br>≤ 8             | ± 40<br>± 40<br>± 40       | ≤ 15.0<br>≤ 15.0<br>≤ 15.0 |
|  P10mLG** | D10mL                  |                      | F144067                      |                      | 1000<br>5000<br>10000 | ± 30<br>± 40<br>± 60          | ≤ 6<br>≤ 10<br>≤ 16           | ± 60<br>± 60<br>± 60       | ≤ 30.0<br>≤ 30.0<br>≤ 30.0 |

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For more information about guaranteed performance, visit [www.gilson.com](http://www.gilson.com).

\*P10G model can be used up to 0.5 µL.

\*\* P5000G and P10mLG do not have tip ejectors.

## PIPETMAN® G KITS

| Model                       | Part Number | PIPETMAN G Models              | PIPETMAN® DIAMOND Tips | Accessories  |
|-----------------------------|-------------|--------------------------------|------------------------|--|
| PIPETMAN G Starter Kit      | F167900     | P20G<br>P200G<br>P1000G        | D200<br>D1000          | 3 SINGLE™ pipette holders<br>3 plastic ejectors<br>3 PIPETMAN Comfort Handles<br>1 User Guide<br>1 Gilson Guide to Pipetting<br>1 Two-minute inspection poster |
| PIPETMAN G Micro-volume Kit | F167800     | P2G<br>P10G<br>P100G           | D10<br>D200            | 3 SINGLE™ pipette holders<br>3 plastic ejectors<br>3 PIPETMAN Comfort Handles<br>1 User Guide<br>1 Gilson Guide to Pipetting<br>1 Two-minute inspection poster |
| PIPETMAN G Four Pipette Kit | F167360     | P2G<br>P20G<br>P200G<br>P1000G | DL10<br>D200<br>D1000  | 4 SINGLE™ pipette holders<br>4 PIPETMAN Comfort Handles<br>1 User Guide<br>1 Gilson Guide to Pipetting<br>1 Two-minute inspection poster                       |

## ACCESSORIES

| Accessory                   | Part Number |
|-----------------------------|-------------|
| CARROUSEL STAND, 7 PIPETTES | F161401     |
| TRIO STAND, 3 PIPETTES      | F161405     |

For our full range of pipette accessories, see page 19.



# pipetman® CLASSIC



## THE WORLD PIPETTING STANDARD

PIPETMAN® Classic has become the benchmark for pipetting excellence across the world. The volume is easily adjustable and many scientists enjoy the classic feel and weight of the pipette. Laboratories rely on the PIPETMAN Classic for a consistently high level of performance and trusted results.

## LEGENDARY PERFORMANCE

PIPETMAN Classic accuracy and precision has become the benchmark for pipetting excellence.

## PREMIUM ROBUSTNESS









Built to last, many laboratories are happily using PIPETMAN Classic pipettes that are over ten years old.

## AN EVOLUTION

| 1969<br>The Original<br>PIPETMAN  | 1972<br>PIPETMAN® Classic  | 2007<br>PIPETMAN® Neo   | 2011<br>PIPETMAN® G  | 2012<br>PIPETMAN® L   |
|---|--|---|--|---|
|   |  |   |  |   |
| The PIPETMAN story began more than 40 years ago with the invention of the original PIPETMAN, the world's first adjustable volume pipette. | PIPETMAN Classic is the world standard in pipetting. It boasts accuracy, precision, and reliability. | PIPETMAN Neo contains all the benefits that built the reputation of the legendary PIPETMAN Classic with the added bonus of increased comfort. | PIPETMAN G provides the robustness and dependable accuracy in results of the PIPETMAN Classic and offers lower pipetting forces. | PIPETMAN L is the latest mechanical pipette from Gilson, built on ergonomics, comfort, and traceability research. |

For more information about PIPETMAN Neo, please contact your local Gilson representative.

PIPETMAN® CLASSIC SINGLE CHANNEL–VARIABLE VOLUME MODELS

| Model   | PIPETMAN® DIAMOND Tips |                      | Part Number | Volume (µL) | Maximum Permissible Errors |                   |                       |                   |
|---|------------------------|----------------------|-------------|-------------|----------------------------|-------------------|-----------------------|-------------------|
|   |                        |                      |             |             | Gilson                     |                   | ISO 8655              |                   |
|   |                        |                      |             |             | Systematic Error (µL)      | Random Error (µL) | Systematic Error (µL) | Random Error (µL) |
|  P2      | D10<br>DL10            | DF10ST<br>DFL10ST    | F144801     | 0.2         | ± 0.024                    | ≤ 0.012           | ± 0.08                | ≤ 0.04            |
|   |                        |                      |             | 0.5         | ± 0.025                    | ≤ 0.012           | ± 0.08                | ≤ 0.04            |
|   |                        |                      |             | 2           | ± 0.030                    | ≤ 0.014           | ± 0.08                | ≤ 0.04            |
|  P10     | D10<br>DL10            | DF10ST<br>DFL10ST    | F144802     | 1           | ± 0.025                    | ≤ 0.012           | ± 0.12                | ≤ 0.08            |
|   |                        |                      |             | 5           | ± 0.075                    | ≤ 0.030           | ± 0.12                | ≤ 0.08            |
|   |                        |                      |             | 10          | ± 0.100                    | ≤ 0.040           | ± 0.12                | ≤ 0.08            |
|  P20     | D200                   | DF30ST               | F123600     | 2           | ± 0.10                     | ≤ 0.030           | ± 0.2                 | ≤ 0.1             |
|   |                        |                      |             | 10          | ± 0.10                     | ≤ 0.050           | ± 0.2                 | ≤ 0.1             |
|   |                        |                      |             | 20          | ± 0.20                     | ≤ 0.060           | ± 0.2                 | ≤ 0.1             |
|  P100    | D200                   | DF100ST              | F123615     | 20          | ± 0.35                     | ≤ 0.10            | ± 0.8                 | ≤ 0.3             |
|   |                        |                      |             | 50          | ± 0.40                     | ≤ 0.12            | ± 0.8                 | ≤ 0.3             |
|   |                        |                      |             | 100         | ± 0.80                     | ≤ 0.15            | ± 0.8                 | ≤ 0.3             |
|  P200    | D200<br>D300           | DF200ST<br>DF300ST   | F123601     | 50          | ± 0.50                     | ≤ 0.20            | ± 1.6                 | ≤ 0.6             |
|   |                        |                      |             | 100         | ± 0.80                     | ≤ 0.25            | ± 1.6                 | ≤ 0.6             |
|   |                        |                      |             | 200         | ± 1.60                     | ≤ 0.30            | ± 1.6                 | ≤ 0.6             |
|  P1000   | D1000<br>D1200         | DF1000ST<br>DF1200ST | F123602     | 200         | ± 3.0                      | ≤ 0.6             | ± 8.0                 | ≤ 3.0             |
|   |                        |                      |             | 500         | ± 4.0                      | ≤ 1.0             | ± 8.0                 | ≤ 3.0             |
|   |                        |                      |             | 1000        | ± 8.0                      | ≤ 1.5             | ± 8.0                 | ≤ 3.0             |
|  P5000  | D5000                  |                      | F123603     | 1000        | ± 12                       | ≤ 3               | ± 40                  | ≤ 15.0            |
|   |                        |                      |             | 2500        | ± 15                       | ≤ 5               | ± 40                  | ≤ 15.0            |
|   |                        |                      |             | 5000        | ± 30                       | ≤ 8               | ± 40                  | ≤ 15.0            |
|  P10mL | D10mL                  |                      | F161201     | 1000        | ± 30                       | ≤ 6               | ± 60                  | ≤ 30.0            |
|   |                        |                      |             | 5000        | ± 40                       | ≤ 10              | ± 60                  | ≤ 30.0            |
|   |                        |                      |             | 10000       | ± 60                       | ≤ 16              | ± 60                  | ≤ 30.0            |

PIPETMAN® CLASSIC KITS

| Model                             | Part Number | PIPETMAN Classic Models    | PIPETMAN® DIAMOND Tips | Accessories  |
|-----------------------------------|-------------|----------------------------|------------------------|--|
| PIPETMAN Classic Starter Kit      | F167300     | P20<br>P200<br>P1000       | D200<br>D1000          | 3 SINGLE™ pipette holders<br>1 Gilson Guide to Pipetting   |
| PIPETMAN Classic Micro-volume Kit | F167500     | P2<br>P10<br>P100          | DL10<br>D200           | 3 SINGLE™ pipette holders<br>1 Gilson Guide to Pipetting   |
| PIPETMAN Classic Large-Volume Kit | F167400     | P5000<br>P10mL             | -                      | 2 x 10 Protection Filters  |
| PIPETMAN Classic Four Pipette Kit | F167380     | P2<br>P20<br>P200<br>P1000 | DL10<br>D200<br>D1000  | 4 SINGLE™ pipette holders<br>4 PIPETMAN Comfort Handles<br>1 Gilson Guide to Pipetting<br>1 Two-minute inspection poster |