



# pipetman®

## CLASSIC

### THE WORLD PIPETTING STANDARD

#### Legendary Performance

PIPETMAN® Classic's 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.

# pipetman®

## G

### PREMIUM PIPETTING COMFORT

#### Pipetting Comfort

Offers one of the lowest pipetting forces available on the market for hours of comfortable pipetting.

#### Reliable Results

Offers Gilson's legendary accuracy, precision and performance with the highest comfort.

#### Robust and Flexible

Available with plastic or stainless steel ejectors.

Plastic ejector recommended for working with corrosive samples.

Add the new **PIPETMAN Comfort Handle** for an even better grip and to help reduce pipetting fatigue (page 13).



PIPETMAN CLASSIC AND 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)
P2 P2G	D10 DL10	DF10 DFL10	<b>F144801</b> <b>F144054M</b>	- <b>F144054P</b>	0.2 0.5 2	± 0.024 ± 0.025 ± 0.030	≤ 0.012 ≤ 0.012 ≤ 0.014	± 0.08 ± 0.08 ± 0.08	≤ 0.04 ≤ 0.04 ≤ 0.04
P10 P10G*	D10 DL10	DF10 DFL10	<b>F144802</b> <b>F144055M</b>	- <b>F144055P</b>	1 5 10	± 0.025 ± 0.075 ± 0.100	≤ 0.012 ≤ 0.030 ≤ 0.040	± 0.12 ± 0.12 ± 0.12	≤ 0.08 ≤ 0.08 ≤ 0.08
P20 P20G	D200	DF30	<b>F123600</b> <b>F144056M</b>	- <b>F144056P</b>	2 10 20	± 0.10 ± 0.10 ± 0.20	≤ 0.030 ≤ 0.050 ≤ 0.060	± 0.2 ± 0.2 ± 0.2	≤ 0.1 ≤ 0.1 ≤ 0.1
P100 P100G	D200	DF100	<b>F123615</b> <b>F144057M</b>	- <b>F144057P</b>	10 / 20 50 100	± 0.35 ± 0.40 ± 0.80	≤ 0.10 ≤ 0.12 ≤ 0.15	± 0.8 ± 0.8 ± 0.8	≤ 0.3 ≤ 0.3 ≤ 0.3
P200 P200G	D200 D300	DF200 DF300	<b>F123601</b> <b>F144058M</b>	- <b>F144058P</b>	20 / 50 100 200	± 0.50 ± 0.80 ± 1.60	≤ 0.20 ≤ 0.25 ≤ 0.30	± 1.6 ± 1.6 ± 1.6	≤ 0.6 ≤ 0.6 ≤ 0.6
P1000 P1000G	D1000 D1200	DF1000 DF1200	<b>F123602</b> <b>F144059M</b>	- <b>F144059P</b>	100 / 200 500 1000	± 3.0 ± 4.0 ± 8.0	≤ 0.6 ≤ 1.0 ≤ 1.5	± 8.0 ± 8.0 ± 8.0	≤ 3.0 ≤ 3.0 ≤ 3.0
P5000 P5000G**	D5000		<b>F123603</b> <b>F144066</b>		500 / 1000 2500 5000	± 12 ± 15 ± 30	≤ 3 ≤ 5 ≤ 8	± 40 ± 40 ± 40	≤ 15.0 ≤ 15.0 ≤ 15.0
P10mL P10mLG**	D10mL		<b>F161201</b> <b>F144067</b>		1000 5000 10000	± 30 ± 40 ± 60	≤ 6 ≤ 10 ≤ 16	± 60 ± 60 ± 60	≤ 30.0 ≤ 30.0 ≤ 30.0

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

Information in blue is only for PIPETMAN Classic. Information in green is only for PIPETMAN G.

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

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

### PIPETMAN KITS

Model	Part Number	PIPETMAN Models	PIPETMAN DIAMOND Tips	Accessories
PIPETMAN Classic Starter Kit	<b>F167300</b>	P20 P200 P1000	D200 D1000	3 SINGLE™ pipette holders 1 Gilson Guide to Pipetting
PIPETMAN Classic Micro-volume Kit	<b>F167500</b>	P2 P10 P100	DF10 D200	3 SINGLE™ pipette holders 1 Gilson Guide to Pipetting
PIPETMAN Classic Large-Volume Kit	<b>F167400</b>	P5000 P10mL	-	2 x 10 Protection Filters
PIPETMAN Classic 4-pipette Kit	<b>F167380</b>	P2 P20 P200 P1000	DL10 D200 D1000	4 SINGLE™ pipette holders 4 PIPETMAN Comfort Handles 1 Gilson Guide to Pipetting 1 Two-minute inspection poster
PIPETMAN G Starter Kit	<b>F167900</b>	P20G P200G P1000G	D200 D1000	3 SINGLE™ pipette holders 3 plastic ejectors 3 PIPETMAN Comfort Handles 1 Gilson Guide to Pipetting 1 Two-minute inspection poster
PIPETMAN G Micro-volume Kit	<b>F167800</b>	P2G P10G P100G	DL10 D200	3 SINGLE™ pipette holders 3 plastic ejectors 1 Gilson Guide to Pipetting 1 Two-minute inspection poster
PIPETMAN G 4-pipette Kit	<b>F167360</b>	P2G P20G P200G P1000G	DL10 D200 D1000	4 SINGLE™ pipette holders 1 Gilson Guide to Pipetting 1 Two-minute inspection poster

For any information about **PIPETMAN Neo**, please contact your Gilson representative.



# ISO 17025 & GILSON PIPETTES

## Gilson Pipette with a Calibration Certificate Issued by ISO 17025 Accredited Lab

Around the world, the accreditation of pipette testing and calibration laboratories is based on the ISO 17025 international standard. ISO 17025 accreditation enables test data to be internationally validated and accepted.

This system of international mutual recognition allows test data to be equivalent throughout the world because they are linked to the same metrological chain of international standard weight.

Hence, the measure of the uncertainties derived from equipment, technicians, pipettes and tips which indicates the error range attributable to the measured quantities allows the accredited laboratory to attest to the pipette's reliability and ensures that it is within acceptable limits after calibration.

- Gilson ISO 17025-accredited laboratory in France provides the undisputable guarantee and confidence that our Quality System and Standard Operating Procedures have been thoroughly evaluated and approved by a legitimate third party.
- Gilson offers accredited calibration for new and serviced pipettes in full compliance with the ISO 17025 & ISO 8655 requirements.
- A certificate of calibration, approved by the French organization of accreditation (COFRAC), is delivered with each pipette. The certificate is recognized by international organizations of accreditation.
- In an on-going effort to address the growing demands for enhanced traceability and affordable ISO 17025 solutions, Gilson has been granted accreditation by the COFRAC for a special Gilson 3 volumes x 4 measurements method in addition to being accredited for the standardized ISO 8655 3 volumes x 10 measurements method. This enables us to offer ISO 17025 calibration at an attractive price.

- The standardized ISO 8655 method (3 volumes x 10 measurements).
- The special Gilson method (3 volumes x 4 measurements).



The calibration certificate with the uncertainty measurement is approved by the French Organization of Accreditation (COFRAC). This certificate includes the uncertainty budget defining the uncertainties for the involved measurements.



## New Pipettes with a Calibration Certificate Issued by the Gilson ISO 17025 Accredited Lab

To order a new pipette with a calibration certificate, add a **C** at the end of the reference for a 3 x 10 measurements method (standard ISO 8655), or a **CG** for a 3 x 4 measurements (Gilson method, available in French service centre recognised by accreditation organization).

Example:

- You need a **P100** delivered with a 3 x 10 measurements: Order the following reference: **F123615C**
- You need a **P2N** delivered with a 3 x 4 measurements: Order the following reference: **F144561CG**

All mechanical, repetitive and motorized pipettes can be delivered with calibration certificate.

Please contact your nearest distributor for calibration certificate request form.



## Serviced Pipettes with a Calibration Certificate Issued by ISO 17025 Accredited Lab

Some Gilson service centers in the world are accredited (ISO 17025) for pipette calibration when using the gravimetric method (ISO 8655).

If your nearest service center is accredited, you can ask for a certificate of calibration including information about the conformity of your pipette. This certificate is recognized throughout the world and linked to the International System of Units.

If your local Gilson service center is not yet accredited, Gilson's Accredited Laboratory of Calibration, based in France, can provide you the following service offers:

ISO 8655 3 X 10 MEASUREMENTS METHOD (NO TIP CHANGE)	
Part Number	Description
PCI 001	Fixed volume Pipettes
PCI 002	Adjustable volume Pipettes
PCI 003	8 channel Pipettes
PCI 004	12 channel Pipettes

GILSON 3 X 4 MEASUREMENTS METHOD (NO TIP CHANGE)	
Part Number	Description
PGCI 001	Fixed volume Pipettes
PGCI 002	Adjustable volume Pipettes
PGCI 003	8 channel Pipettes
PGCI 004	12 channel Pipettes