

## TRUSTED RESULTS

Best results guaranteed with better performance than ISO specifications.

Pipette model	Volume tested	Maximum Permissible Errors			
		Gilson		ISO 8655	
		Systematic error (µL)	Random error (µL)	Systematic error (µL)	Random error (µL)
P2L	Min.: 0.2	± 0.024	≤ 0.012	± 0.08	≤ 0.04
	0.5	± 0.025	≤ 0.012	± 0.08	≤ 0.04
	1	± 0.027	≤ 0.013	± 0.08	≤ 0.04
	Max.: 2	± 0.030	≤ 0.014	± 0.08	≤ 0.04
P10L	Min.: 1	± 0.025	≤ 0.012	± 0.12	≤ 0.08
	5	± 0.075	≤ 0.030	± 0.12	≤ 0.08
	Max.: 10	± 0.100	≤ 0.040	± 0.12	≤ 0.08
P20L	Min.: 2	± 0.10	≤ 0.03	± 0.20	≤ 0.10
	10	± 0.10	≤ 0.05	± 0.20	≤ 0.10
	Max.: 20	± 0.20	≤ 0.06	± 0.20	≤ 0.10
P100L	Min.: 10	± 0.35	≤ 0.10	± 0.80	≤ 0.30
	50	± 0.40	≤ 0.12	± 0.80	≤ 0.30
	Max.: 100	± 0.80	≤ 0.15	± 0.80	≤ 0.30
P200L	Min.: 20	± 0.50	≤ 0.20	± 1.60	≤ 0.60
	100	± 0.80	≤ 0.25	± 1.60	≤ 0.60
	Max.: 200	± 1.60	≤ 0.30	± 1.60	≤ 0.60
P1000L	Min.: 100	± 3	≤ 0.6	± 8	≤ 3.0
	500	± 4	≤ 1.0	± 8	≤ 3.0
	Max.: 1000	± 8	≤ 1.5	± 8	≤ 3.0
P5000L	Min.: 500	± 12	≤ 3	± 40	≤ 15
	2500	± 15	≤ 5	± 40	≤ 15
	Max.: 5000	± 30	≤ 8	± 40	≤ 15
P10mL L	Min.: 1000	± 30	≤ 6	± 60	≤ 30
	5000	± 40	≤ 10	± 60	≤ 30
	Max.: 10000	± 60	≤ 16	± 60	≤ 30



## GILSON'S COMPLETE PIPETTING SYSTEM

Choosing quality tips is the best way to protect your experiment and according to ISO 8655-2\*:

"The maximum permissible errors always apply to the total system of piston pipette and tip.

When using pipette tips not delivered by the pipette supplier, the supplier declaration or certificate of conformity does not apply".

\*ISO 8655 is an international standard for "piston operated apparatus".

Pipette model	Recommended PIPETMAN DIAMOND tips	
	Model (scale 1/2)	Volume range (µL)
P2L	D10	0.1 - 10 µL
	DL10	0.1 - 20 µL
	DF10	0.1 - 10 µL
	DFL10	0.1 - 10 µL
P10L	D10	0.1 - 10 µL
	DL10	0.1 - 20 µL
	DF10	0.1 - 10 µL
	DFL10	0.1 - 10 µL
P20L	D200	2 - 200 µL
	DF30	2 - 30 µL
P100L	D200	2 - 200 µL
	DF100	20 - 100 µL
P200L	D200	2 - 200 µL
	D300	20 - 300 µL
	DF200	20 - 200 µL
	DF300	20 - 300 µL
P1000L	D1000	100 - 1000 µL
	D1200	100 - 1200 µL
	DF1200	100 - 1200 µL
P5000L	D5000	1 - 5 mL
P10mL L	D10mL	1 - 10 mL

RCS 397 566 860 000 29 - POINT VERTICALE - 03.04.23.08.08



# pipetman® L

Comfortable And Secure By Nature!



LIGHT AND COMFORTABLE NEW BODY

LOWEST FORCES ON THE MARKET

LOCKABLE VOLUME

2D CODE TRACEABILITY



[www.gilson.com](http://www.gilson.com) | [sales@gilson.com](mailto:sales@gilson.com) | [service@gilson.com](mailto:service@gilson.com) | [training@gilson.com](mailto:training@gilson.com)

Gilson, Inc. World Headquarters | 3000 Parmenter Street | P.O. Box 620027  
Middleton, WI 53562-0027 USA  
Tel: (1) 800-445-7661 or (1) 608-836-1551 | Fax: (1) 608-831-4451

Gilson S.A.S. | 19, avenue des Entrepreneurs  
BP 145, F-95400 Villiers-le-Bel, FRANCE  
Tel: +33(0)1 34 29 50 00 | Fax: +33 (0)1 34 29 50 20



**GILSON®**

ISO 9001  
CERTIFIED

L7800514/A © 07/2011 Gilson SAS.  
All rights reserved. All trademarks  
are the property of Gilson Inc.  
and its subsidiaries.

**GILSON®**

ADJUSTABLE-VOLUME PIPETTE

LIGHT AND COMFORTABLE NEW BODY

LOWEST FORCES ON THE MARKET

LOCKABLE VOLUME

2D CODE TRACEABILITY



# pipetman® L

Comfortable And Secure By Nature!

PIPETMAN L is the latest innovation of Gilson based on ergonomics, comfort and traceability research.

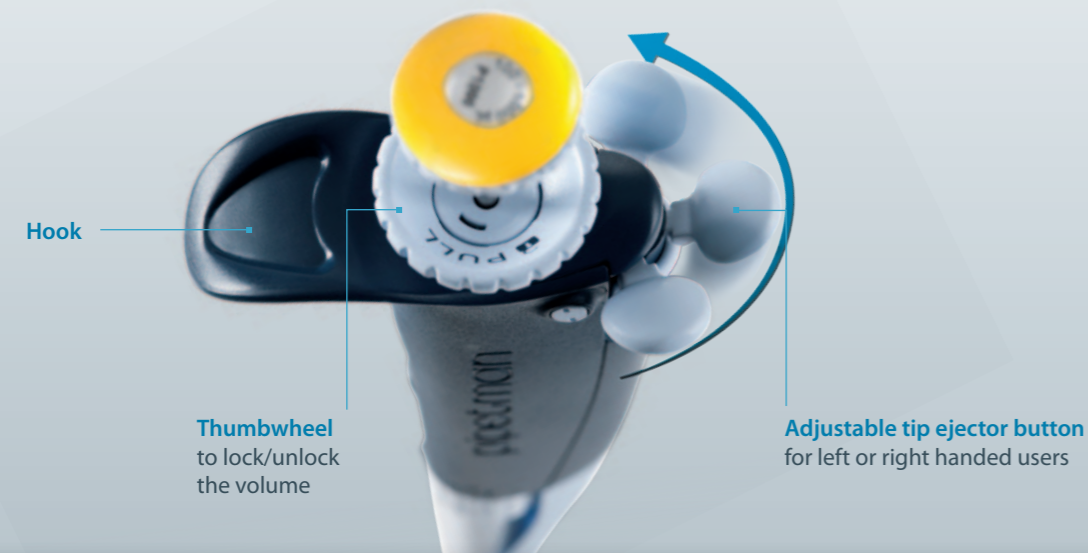
This new mechanical pipette combines the PIPETMAN Classic™ legendary robustness, a newly designed body, and state-of-the-art internal mechanism. PIPETMAN L offers the high comfort you require for your applications.

PIPETMAN L is available in 8 single channel models from 2 µL to 10 mL, covering the volume range of 2.0 µL to 10 mL.

## ROBUST, COMFORTABLE AND LIGHT WEIGHT!

With the PIPETMAN L, you can now enjoy an extremely light pipette, that has been designed to fit naturally in your hand. Its new shape ensures a perfect fit while the new hook reduces tensions while holding it.

An adjustable tip ejector button has also been implemented to adapt to both right and left handed users. Its shape provides intuitive and comfortable handling of the pipette whatever the size of your hand.



## LOWEST PIPETTING FORCES ON THE MARKET

In order to provide you with maximum comfort in your daily work, PIPETMAN L offers an enhanced new design.

- A new piston assembly has been developed to drastically improve the pipetting and purge forces.
- A new shape and new mechanism for the tip ejection system dramatically reduces the tip ejection forces.



## COMPLETE CONFIDENCE IN YOUR RESULTS

Secure pipetting guaranteed by a patented volume locking system.

The locking system guarantees the accuracy of the volume delivered while the GLP-compliant thumbwheel ensures a comfortable and reliable means of changing the volume.



- 1 Just push the thumbwheel up,
- 2 rotate to change the volume,
- 3 push the thumbwheel down to lock it and start pipetting!

## OPTIMUM TRACEABILITY



PIPETMAN L features a 2D identification code for easy traceability.

This tracking feature includes the product reference, date of manufacture, the serial number and the nominal volume.

With a universal scanner, you can download pipette information onto an Excel sheet or onto your own software for tracking purposes.



## CHOOSE YOUR LOOK: CLASSIC METAL OR PLASTIC TIP EJECTOR

Both tip ejectors offer the unique clip ejector which fits securely into the body of the pipette and helps avoid slipping over time. Working with corrosive liquids? Order PIPETMAN L with the plastic tip ejector to avoid corrosion problems.



## COMPLETE RANGE AVAILABLE

Pipette model	Volume range (µL)	Color code	Ordering references	
			With stainless steel ejector	With plastic ejector
P2L	0.2-2	Orange	FA10001M	FA10001P
P10L*	1-10	Red	FA10002M	FA10002P
P20L	2-20	Pale Yellow	FA10003M	FA10003P
P100L	10-100	Salmon	FA10004M	FA10004P
P200L	20-200	Yellow	FA10005M	FA10005P
P1000L	100-1000	Blue	FA10006M	FA10006P
P5000L	500-5000	Purple		** FA10007
P10mL L	1-10 mL	Pale Blue		** FA10008

\* P10L model can be used up to 0.5µL

\*\* No tip ejector needed