



*Not only accurate
and precise ...*



*... but productive and
comfortable at the same time .*

Model	Volume (µL)	Accuracy (systematic error)		Precision (random error)	
		Absolute µL	Relative %	Absolute SD µL	Relative SD %

	Min.	1	± 0.10	± 10.0	≤ 0.08	≤ 8.0
8X20		2	± 0.10	± 5.0	≤ 0.08	≤ 4.0
and		10	± 0.20	± 2.0	≤ 0.10	≤ 1.0
12X20	Max.	20	± 0.40	± 2.0	≤ 0.20	≤ 1.0
	Min.	20	± 0.70	± 3.5	≤ 0.35	≤ 1.75
8X300		30	± 0.75	± 2.5	≤ 0.45	≤ 1.5
and		100	± 1.00	± 1.0	≤ 1.00	≤ 1.0
12X300		150	± 1.50	± 1.0	≤ 1.50	≤ 1.0
	Max.	300	± 3.00	± 1.0	≤ 3.00	≤ 1.0

Diamond Tips give the best results.

Model	Reference	Tips	Useful Range
All	-----	D200	up to 200 µL
8X20	F21040	DL10	1 µL to 20 µL
12X20	F21041	DL10	1 µL to 20 µL
8X300	F21042	D300	20 µL to 300 µL
12X300	F21043	D300	20 µL to 300 µL

For 8X20 and 12X20, use DL10
For 8X300 and 12X300, use D300
D200 can be used with any model.

Please refer to the Diamond Tips brochure and the D300
Flyer for details



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ISO 9001 Certified



GILSON

PIPETMAN[®] Ultra Multichannel

*Higher productivity through
greater comfort...*



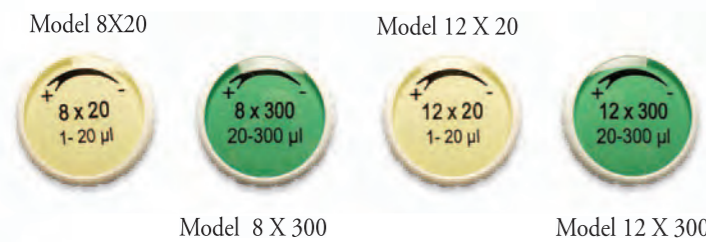
PIPETMAN[®] Ultra

Multichannel

Designed with 96-well plates in mind...

Ultra Range and Applications

PIPETMAN[®] Ultra Multichannel—particularly useful for molecular biology applications: PCR sequencing, immunology assays, 96-well plate cell culture, series dispensing into multiplates, etc.



A choice of four models: 8 or 12 Channels, 1 µL to 20 µL, or 20 µL to 300 µL.

Ultra Accuracy and Precision

Like all other Gilson pipettes, PIPETMAN[®] Ultra Multichannel has been designed and manufactured to provide you with a robust, accurate and precise instrument. It also incorporates additional features that will be of practical assistance in your daily work.

Exclusive Patented Multi-Functional Electronic Display

Introducing a major improvement in pipetting—an electronic display.

- Greater readability.
- More accurate four-digit display, plus decimal point and volumetric units.



Ultra Comfort

Comfortable, Low Effort Pipetting

The new design allows you to use less force while pipetting. The head may be rotated to the most comfortable position.

Quick and Easy Volume Setting

Only 10 turns from minimum to maximum volume. Setting the volume is easy—with one hand using the thumb-wheel (even when wearing gloves) or with two hands, using the push-button.

Tip-ejector, Natural Movement

The tip-ejector moves naturally, resulting in less fatigue for the user, who may also set the tip-ejector button for left or right handed use.



Tip-ejector, Set for Comfort

The tip-ejector stroke may be adjusted to optimize the ease of tip-ejection.



Diamond Tips[®], Fit Perfectly, Easy to Eject

Maximize performance with Diamond Tips from Gilson's patented Rocky Rack[™]. These dome shaped Tipack racks make it easier to fit the tips, for a perfect seal. The pipette's curved cover-ejector, ensures that the tips are ejected progressively, resulting in a smoother action.



Ultra GLP Features

Innovating to give you more security and traceability, PIPETMAN[®] Ultra Multichannel assists you in setting up GLPs down to pipetting level, giving you essential information.

Pipetting Workflow Control

Cycle counters:

- From the last time the volume was set — to count the number of cycles in the current run.
- Since the pipette was first used — to count the number of cycles for servicing purposes.

Pipette Coding

Personalize your pipette by writing your name or application on one of the color coded stickers (protected by the plastic cover). Or, use the bar code sticker from the warranty card. Color coded thumb-wheel and push-button identify model, with useful volume range shown on the push-button. Head is embossed with the channel numbers.



Ultra Easy Maintenance

Prevention is the best cure. With proper care, your PIPETMAN[®] Ultra Multichannel will ensure the highest level of precision and accuracy, year after year. It is easy to disassemble and clean right in your own laboratory.



Autoclavable

The entire head, including all of the parts that normally come into contact with liquids, is autoclavable. The head may be simply detached from the body (handle) which contains the electronics and other non-autoclavable items.



Easy to adjust, with only one tool!

Now, adjustment takes only a few minutes. The tool and its electronic display are a perfect pair for easy and secure adjustment in your lab.