pipetman® m

Progress made simple!

AVAILABLE IN
SINGLE & MULTICHANNEL

EASY TO USE

ADVANCED ERGONOMICS

TRUSTED RESULTS

FROM
120G

PIPETTING
4
MODES

GLP
COMPLIANT

EASY
PIPETTING

GILSON®

EASY TO USE

ADVANCED ERGONOMICS

TRUSTED RESULTS

pipetman® m

Progress made simple!

PIPETMAN® M is the latest motorized member of the PIPETMAN family from Gilson. PIPETMAN M is a fusion between the renowned accuracy, precision and robustness of the PIPETMAN Classic and user-friendly functions that will simplify your work day. PIPETMAN M is so easy to use that you won't have to change the way you pipette, whether using the single or the multichannel version!

Ready to use
Start using it right out of the box!

1 Set the volume by rotating the push-button left or right.

2 Pipette with a simple press of the push-button.

&turn click!

m

3 Access additional features such as repetitive mode, mix function or easy readjustment with the mode-button.

Easy to use
No need to change how you pipette!

USE PIPETMAN M LIKE A MECHANICAL PIPETTE

Keep your technique consistent by using only one button to adjust the volume and to pipette.

ALL YOU NEED IN ONE PIPETTE TO OBTAIN TRUSTWORTHY RESULTS!

Simplify your daily routine with the intuitive software: no instruction necessary!

Easy navigation with direct access to all supplementary functions
thanks to the mode button:

• 4 essential pipetting modes: pipetting, repetitive, mix and reverse.
• Piston speed adjustment.
• Configuration: Service, Easy readjustment, Maintenance.

Advanced ergonomics
Minimal effort, maximum comfort!

Discover the differences! PIPETMAN M offers the same legendary robustness, accuracy and precision as the PIPETMAN Classic with additional features that will make your work easier...

OPTIMIZED BALANCE

Lightweight, but built with strong materials
and components make PIPETMAN M one
of the lightest motorized pipettes ever. Its
optimized weight gives you a perfectly
balanced pipetting sensation.
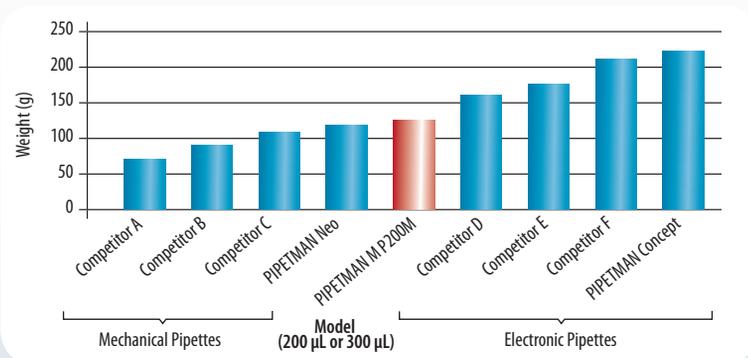
IMPROVED COMFORT

PIPETMAN M contributes to lowering
Repetitive Strain Injuries (RSI):

• Thanks to its motor, PIPETMAN M offers you
  pipetting with minimized pipetting forces.
• Low ejection and volume setting forces
  assist the progress of your daily work.
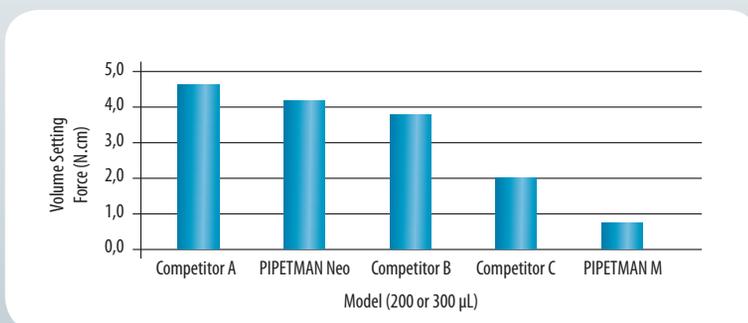
Always operational

Save time, improve efficiency!

USE WHILE CHARGING

PIPETMAN M can be used while charging without compromising performance.

LONGER USE BETWEEN CHARGE CYCLES

The Lithium-ion battery inside PIPETMAN M has been designed to ensure 900 pipetting cycles at maximum speed (up to seven 96 well plates) between charge cycles. PIPETMAN M charges 80 % of its full battery capacity in less than an hour and takes only three hours to fully charge.

Clever GLP features

Good Laboratory Practice (GLP) features ensure the high quality and reliability of your work.

LOCKABLE VOLUME
Pipette, adjust & lock volume with the same button

SERIAL NUMBER
engraved on the handle

COLOR CODED PUSH-BUTTON
with name of model indicated

IDENTIFICATION TAGS
to personalize PIPETMAN M
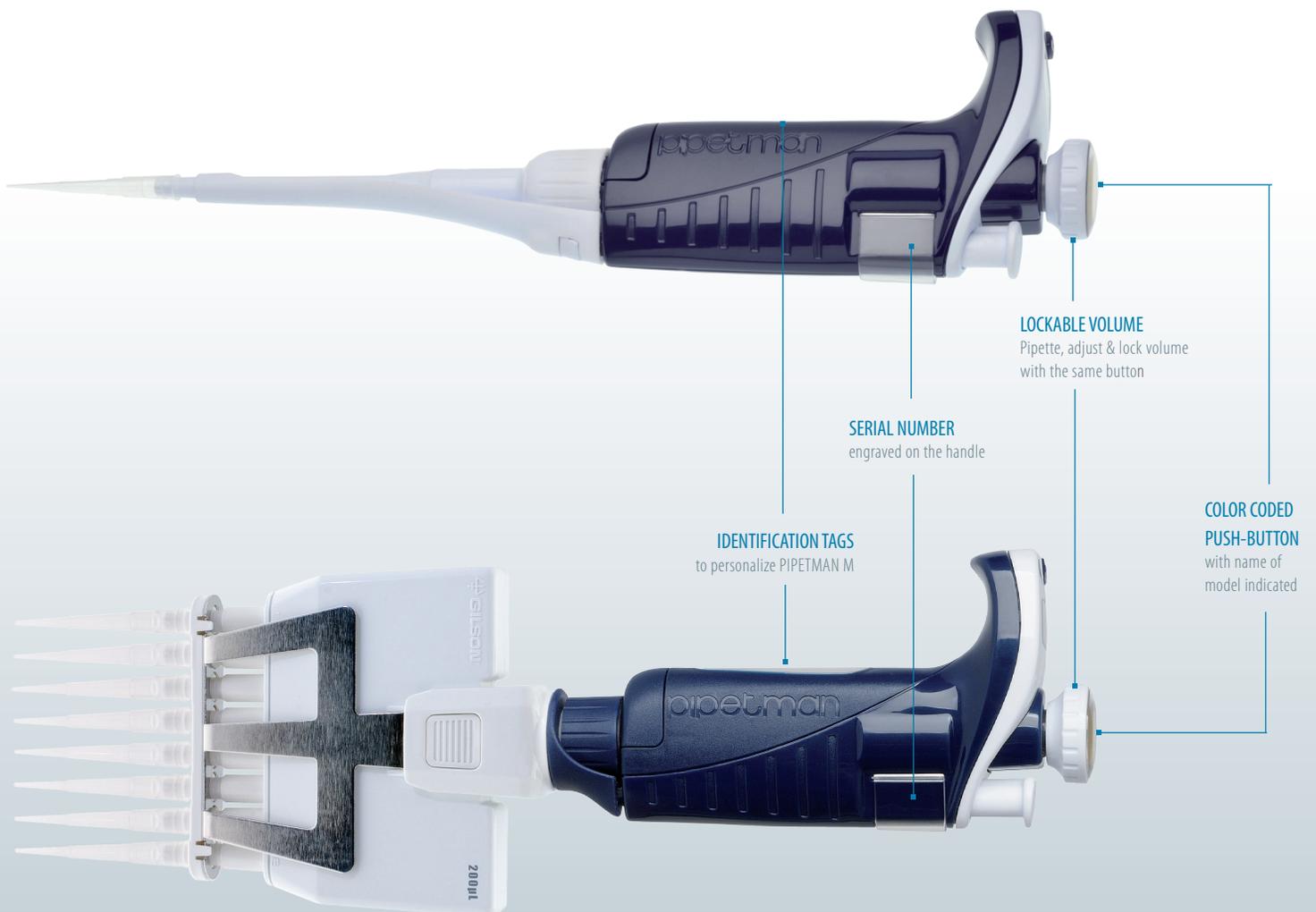
pipetman® m

More than a multichannel pipette... it's a PIPETMAN M!

Enjoy the ease of use of PIPETMAN M combined with the well-known advantages of the PIPETMAN Neo multichannel lower part!

1 ## Innovative patented piston drive mechanism

Absolute consistency in volume distributed!

The specific rack rail mechanism guarantees identical performance on each channel.

Thanks to an exclusive patented piston drive mechanism, the **pressure is applied consistently and simultaneously on each piston**, resolving the common downfall of multichannel pipettes: disparities between channels of the volume distributed.
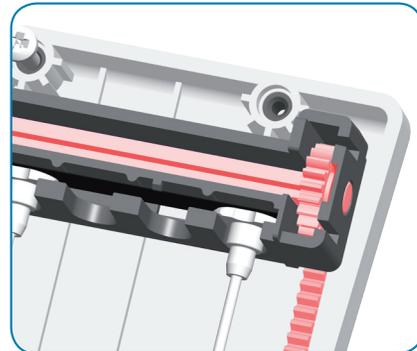
2 ## Ingenious tip ejector technology

Best protection from Repetitive Strain Injuries (RSI)!

For more comfort, the ejector spacer has been designed to apply equal ejection forces over each tip sequencially.

This symetric system **drastically reduces tip ejection forces and risks of RSI**.

3 ## Unique tip-holder design

No need to purchase a dedicated tip brand!

Successive rings have been positioned depending on the pipette volume range to guaranty the snug fit of tips throughout the protocols.

Successive rings

P200
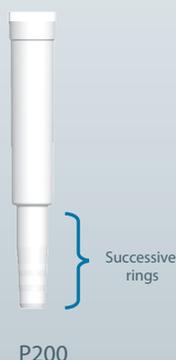
Complete range
Available in single and multichannel version!

8 models cover a range of volumes from 0.5 μL to 1000 μL.

Model	Ordering reference	Volume range	Color code
SINGLE CHANNEL MODELS			
P10M	F81001	0.5 μL to 10 μL	
P20M	F81002	2 μL to 20 μL	
P200M	F81003	20 μL to 200 μL	
P1000M	F81004	100 μL to 1000 μL	
MULTICHANNEL MODELS			
P8x20M	F81005	1 μL to 20 μL	
P12x20M	F81006	1 μL to 20 μL	
P8x200M	F81007	20 μL to 200 μL	
P12x200M	F81008	20 μL to 200 μL	

power carrousel™

PIPETMAN M exclusive charging stand!

This rotating stand, which holds up to 5 PIPETMAN M (single and multichannel), stores and charges your entire pipette set at one time on a minimum bench space!

Protect your PIPETMAN M from shocks and contaminations, and improve your efficiency by keeping your tools always operational!

Ordering reference: FB1001

Trusted results

Best results guaranteed with a performance exceeding ISO 8655 recommendations.

PIPETMAN M single and multi's specifications are more stringent than those required to be ISO 8655 compliant.

PIPETMAN M helps to avoid variable results between users, thanks to motorized pipetting.
This special feature guarantees highly reproducible results, especially on small volumes.

| Model | Volume | | Maximum Permissible Errors | | | |
| | | | Gilson | | ISO 8655 | |
			Systematic error (µL)	Random error (µL)	Systematic error (µL)	Random error (µL)
SINGLE CHANNEL MODELS						
P10M	Min.:	0.5	± 0.040	≤ 0.013	± 0.12	≤ 0.08
		1	± 0.025	≤ 0.012	± 0.12	≤ 0.08
		5	± 0.060	≤ 0.020	± 0.12	≤ 0.08
	Max.:	10	± 0.080	≤ 0.025	± 0.12	≤ 0.08
P20M	Min.:	2	± 0.075	≤ 0.025	± 0.2	≤ 0.1
		10	± 0.100	≤ 0.035	± 0.2	≤ 0.1
	Max.:	20	± 0.150	≤ 0.050	± 0.2	≤ 0.1
P200M	Min.:	20	± 0.40	≤ 0.15	± 1.6	≤ 0.6
		100	± 0.80	≤ 0.22	± 1.6	≤ 0.6
	Max.:	200	± 1.00	≤ 0.26	± 1.6	≤ 0.6
P1000M	Min.:	100	± 2.5	≤ 0.4	± 8.0	≤ 3.0
		500	± 3.5	≤ 0.7	± 8.0	≤ 3.0
	Max.:	1000	± 5.0	≤ 1.1	± 8.0	≤ 3.0
MULTICHANNEL MODELS						
P8x20M **P12x20M**	Min.:	1	± 0.08	≤ 0.05	± 0.4	≤ 0.2
		10	± 0.15	≤ 0.10	± 0.4	≤ 0.2
	Max.:	20	± 0.25	≤ 0.12	± 0.4	≤ 0.2
P8x200M **P12x200M**	Min.:	20	± 0.50	≤ 0.16	± 3.2	≤ 1.2
		100	± 1.00	≤ 0.30	± 3.2	≤ 1.2
	Max.:	200	± 2.00	≤ 0.50	± 3.2	≤ 1.2

Also available to you:

Utilizing the PIPETMAN M Stand Adapter is one more way to simplify your work day!

PIPETMAN M Stand Adapter has been designed to fit perfectly on Gilson CARROUSEL stand and SINGLE™ pipette holder (Ref. F161406). It combines two features in one: it holds and it charges your pipette at the same time!

Stand Adapter
(Ref. F807023)

CARROUSEL™ stand
(Ref. F161401)

Gilson's Pipetting System

Your protocols and experiments require more than just generic pipette tips. Indeed, tips are essential components of your pipetting system. 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". It defines, among other things, terms and definitions regarding piston operated pipettes and their testing, testing procedure and maximum permissible errors.

Pipette model	Recommended PIPETMAN DIAMOND tips	
	Model (scale 1/2)	Volume range
SINGLE CHANNEL MODELS		
P10M	D10	0.1 – 10 μL
	DL10	0.1 – 20 μL
	DF10	0.1 – 10 μL
	DFL10	0.1 – 10 μL
P20M	D200	2 – 200 μL
	DF30	2 – 30 μL
P200M	D200	2 – 200 μL
	D300	20 – 300 μL
	DF200	20 – 200 μL
	DF300	20 – 300 μL
P1000M	D1000	100 – 1000 μL
	D1200	100 – 1200 μL
	DF1000	100 – 1000 μL
	DF1200	100 – 1200 μL
MULTICHANNEL MODELS		
P8x20M & P12x20M	DL10	0.1 – 20 μL
	DFL10	0.1 – 10 μL
	DF30	2 – 30 μL
	D200	2 – 200 μL
P8x200M & P12x200M	D200	2 – 200 μL
	D300	20 – 300 μL
	DF100	10 – 100 μL
	DF200	20 – 200 μL
	DF300	20 – 300 μL

As a member of our PIPETMAN® family,

pipetman® m

is compatible with most leading tip brands.