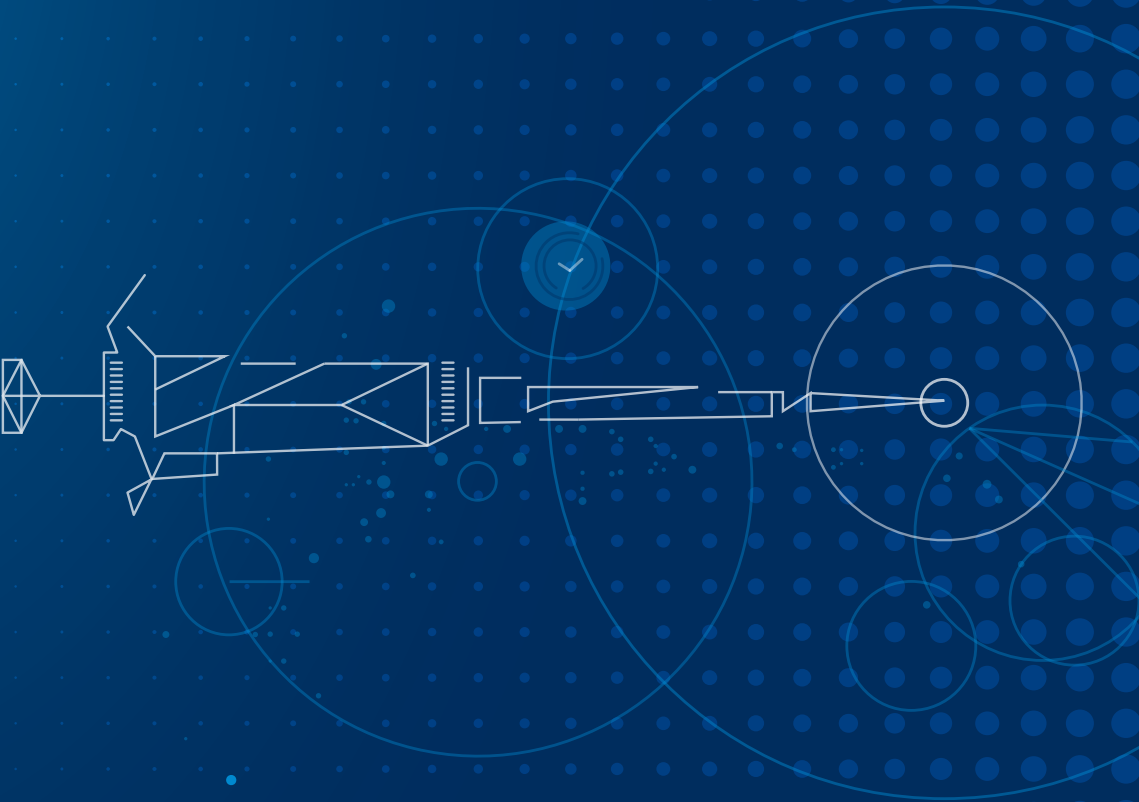




PRODUCT GUIDE

LIQUID HANDLING • EXTRACTION • PURIFICATION • AUTOMATED SOLUTIONS • SERVICES



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PIPETTE SELECTION GUIDE

Our guide helps you choose the right pipette for your specific application. Whether comfort, throughput or budget is your main priority, our range of pipettes and instruments guarantee the ultimate performance and reliability of your results.

Pipette Selection Guide					
	Description	Throughput	Comfort	Features	Page
Single Channel Air Displacement Pipettes	PIPETMAN M 	Medium to high	✓✓✓✓✓	Electronic Pipette, Guaranteed Performance For enhanced productivity and comfort with guaranteed performance in standard and repetitive modes.	4, 5
	PIPETMAN L 	Low to medium	✓✓✓✓✓	Low forces, Lightweight, Lockable Volume Superior all-day comfort. Volume locking system for secure pipetting. PIPETMAN L FIXED available.	8, 9
	PIPETMAN G 	Low to medium	✓✓✓✓✓	Extremely Low Pipetting Forces Ergonomic and easy to use with premium comfort and performance.	12, 13
	PIPETMAN NEO 	Low	✓✓✓✓	An Evolution of the Classic Lower pipetting and ejection forces.	16, 17
	PIPETMAN CLASSIC 	Low	✓✓	Reliable, Accurate and Cost Effective The original, world-renowned pipetting standard. PIPETMAN Fixed volume also available.	14, 15
Multichannel Pipettes	PIPETMAN M MULTI 	Medium to high	✓✓✓✓✓	Motorised Multichannel, Ultimate Consistency Provides high throughput flexibility with simplest functionality and guaranteed performance.	6, 7
	PIPETMAN L MULTI 	Medium to high	✓✓✓✓✓	Ergonomic, Lightweight Multichannel With lockable features for demanding pipetting routines.	10, 11
	PIPETMAN NEO MULTI 	Medium to high	✓✓✓✓	Robust Multichannel Comfortable, reliable, and best value for money.	16, 17
Specialty Pipettes	MICROMAN E 	Low	✓✓✓✓✓	Ergonomic Pipette for Problem Liquids Enhanced new body for the highest precision and comfort for viscous and volatile samples.	28, 29
Highest Throughput	PLATEMASTER 	High	✓✓✓✓✓	Manual 96 Channel Pipetting Simple and accurate, high throughput pipetting for 96- and 384-well plates.	20
	PIPETMAX 	High	✓✓✓✓✓	Affordable Automation Easy-to-use, automated liquid handling platform for reliable sample prep.	18, 19

WELCOME TO GILSON

ELECTRONIC - MOTORISED PIPETTES

PIPETMAN® M Single	4, 5
PIPETMAN® M Multi	6, 7

MECHANICAL PIPETTES

PIPETMAN® L	8, 9
PIPETMAN® L Multi	10, 11
PIPETMAN® G	12, 13
PIPETMAN Neo® Single & Multi	14, 15
PIPETMAN Classic™ & Fixed	16, 17

HIGH THROUGHPUT PIPETTING

PIPETMAX®	18, 19
PLATEMASTER	20

PIPETTE ACCESSORIES

Pipette Accessories	21
---------------------------	----

PIPETMAN TIPS

PIPETMAN Tips® Intro	22, 23
PIPETMAN Tips Guide	24, 25

SPECIALITY PIPETTES

MICROMAN® E & Capillary Pistons	26, 27
REPETMAN® & REPET-TIPS	28
DISTRIMAN® & DISTRITIPS®	29

BENCHTOP SOLUTIONS & LAB PLASTICS

MACROMAN	30
TRACKMAN™	31
GmCLab	32
EXTRACTMAN	33
MINIPULS® & MINIPULS Tubing	34,35

PIPETTE SERVICE

ISO 17025 & Gilson Pipettes	36
Quality & Certificates	37
Pipette Service	38,39





pipetman[®]

M



GUARANTEED TO PERFORM WITH OUTSTANDING ACCURACY

Pipette With Less Effort & More Comfort

Simple-to-use, motorised pipette - two button operation.

Lightweight with virtually zero pipetting forces for hours of pipetting comfort.

Ultimate Consistency

Reproducibility is key in research. With PIPETMAN M you can feel confident that variability among users is minimised.

Ultimate Control

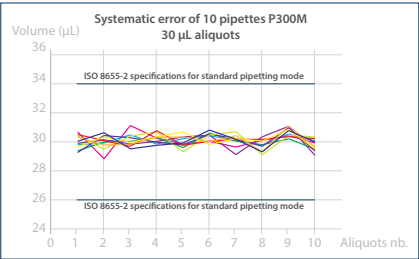
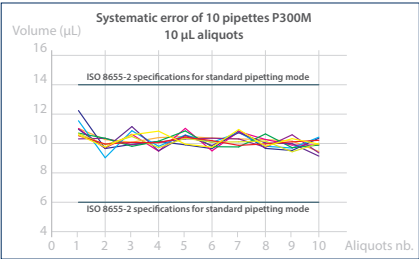
With a streamlined user interface, five pipetting modes, including protocol customisation, control of your sample prep is at your fingertips.

PIPETMAN M combines the simplicity of a manual pipette with the consistency of electronic liquid handling. The PIPETMAN M range has been designed for guaranteed accuracy and precision in both standard and repetitive pipetting modes for reliable sample preparation.



Reliable from the first to last aliquot

PIPETMAN M is guaranteed to perform repeatably with outstanding accuracy and precision.



Systematic error of 10 PIPETMAN M 300 µL pipettes in repetitive pipetting mode with Pipetman Diamond Tips D300, applying the appropriate pipetting technique.

PIPETMAN M Single Channel								
Model	PIPETMAN DIAMOND Tips*		Part Number	Gilson Specification				
				Standard PIPET Mode				REPETITIVE Mode Volume Range
				Volume Range	Volume (μL)	Systematic error (μL)	Random error (μL)	
P10M	D10 DL10	DF10 DFL10	F81022	0.5-10 μL	0.5 1 5 10	± 0.040 ± 0.025 ± 0.060 ± 0.080	≤ 0.013 ≤ 0.012 ≤ 0.020 ≤ 0.025	0.5-10 μL
P20M	D200 DF30		F81023	2-20 μL	2 10 20	± 0.075 ± 0.100 ± 0.150	≤ 0.025 ≤ 0.035 ≤ 0.050	2-20 μL
P100M	D200 DF100		F81013	5-100 μL	5 10 50 100	± 0.35 ± 0.30 ± 0.38 ± 0.40	≤ 0.10 ≤ 0.10 ≤ 0.12 ≤ 0.15	5-100 μL
P200M	D200 D300	DF200 DF300	F81024	20-200 μL	20 100 200	± 0.40 ± 0.80 ± 1.00	≤ 0.15 ≤ 0.22 ≤ 0.26	5-200 μL
P300M	D200 D300	DF200 DF300	F81014	20-300 μL	20 30 150 300	± 0.80 ± 0.70 ± 0.90 ± 1.05	≤ 0.16 ≤ 0.20 ≤ 0.23 ≤ 0.30	10-300 μL
P1200M	D1000 DF1000 D1200 DF1200		F81015	100-1200 μL	100 120 600 1200	± 2.5 ± 2.4 ± 3.6 ± 6.0	≤ 0.4 ≤ 0.4 ≤ 0.8 ≤ 1.2	20-1200 μL
P5000M	D5000		F81016	500-5000 μL	500 2500 5000	± 10 ± 15 ± 25	≤ 2 ≤ 4 ≤ 7	100-5000 μL
P10mLM	D10mL		F81017	1-10 mL	1 mL 5 mL 10 mL	± 25 ± 30 ± 50	≤ 4 ≤ 8 ≤ 12	200 μL-10 mL

Gilson maximum permissible errors are guaranteed only when PIPETMAN pipettes are used with the recommended PIPETMAN DIAMOND Tips. Visit www.gilson.com/en/guaranteedperformance.

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).



pipetman[®]

M MULTI



TRUST YOUR RESULTS IN STANDARD AND REPETITIVE PIPETTING

◦ **Comfortable**

Lightweight and perfectly balanced for optimal comfort.

Simple to use.

◦ **Ultimate Productivity**

Achieve more during your working day with a pipette that fits around your workflow. Less repetition equals faster time to results.

◦ **Ultimate Performance**

PIPETMAN M puts the power of performance back in your hand. Backed by our accuracy and precision guarantee, you can trust your results, every time.

The electronic PIPETMAN M multichannel guarantees outstanding performance and consistent results. Highly repetitious tasks can be draining; however PIPETMAN M makes these high throughput pipetting routines less stressful while enabling high rates of precision with user-to-user consistency.



PIPETMAN M Multichannel								
Model	PIPETMAN DIAMOND Tips*		Part Number	Gilson Specification				REPETITIVE Mode Volume
				Standard PIPET Mode				
				Volume Range	Volume (μL)	Systematic error (μL)	Random error (μL)	
P8x10M	D10 DL10	DF10 DFL10	F81025	0.5-10 μL	0.5 1 5 10	± 0.05 ± 0.04 ± 0.08 ± 0.10	≤ 0.02 ≤ 0.02 ≤ 0.04 ≤ 0.06	0.5-10 μL
P12x10M			F81026					
P8x20M	DL10 D200	DFL10 DF30	F81027	1-20 μL	1 10 20	± 0.08 ± 0.15 ± 0.25	≤ 0.05 ≤ 0.10 ≤ 0.12	1-20 μL
P12x20M			F81028					
P8x100M	D200 DF100		F81018	10-100 μL	10 50 100	± 0.25 ± 0.50 ± 0.80	≤ 0.14 ≤ 0.20 ≤ 0.25	5-100 μL
P12x100M			F81019					
P8x200M	D200 D300	DF100 DF200 DF300	F81029	20-200 μL	20 100 200	± 0.50 ± 1.00 ± 2.00	≤ 0.16 ≤ 0.30 ≤ 0.50	5-200 μL
P12x200M			F81030					
P8x300M	D200 D300	DF200 DF300	F81031	10-300 μL	10 30 150 300	± 1.00 ± 1.00 ± 1.50 ± 2.40	≤ 0.18 ≤ 0.18 ≤ 0.375 ≤ 0.45	10-300 μL
P12x300M			F81032					
P8x1200M	D1200	DF1200	F81020	50-1200 μL	50 120 600 1200	± 4.0 ± 4.0 ± 6.0 ± 9.6	≤ 0.7 ≤ 0.7 ≤ 1.5 ≤ 1.8	50-1200 μL
P12x1200M			F81021					

Gilson maximum permissible errors are guaranteed only when PIPETMAN pipettes are used with the recommended PIPETMAN DIAMOND Tips. Visit www.gilson.com/en/guaranteedperformance.

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).

EMPOWER YOUR PIPETMAN M

Accessories	Part Number
PIPETMAN M Power Carrousel	FB1001
PIPETMAN M Stand Adaptor	F807023

For our full range of pipette accessories, see page 21.





pipetman®

L



INCREASE PRODUCTIVITY WITHOUT SACRIFICING COMFORT

All Day Pipetting Comfort

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

Lock It Down

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

PIPETMAN L is the latest innovation from Gilson and is based on ergonomics, comfort and traceability research. This new mechanical pipette combines the legendary robustness of the PIPETMAN Classic, a newly designed body and state of the art mechanism.

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 is also available as a **fixed volume** pipette.

PIPETMAN L Single Channel									
Model	PIPETMAN DIAMOND Tips*		Part Number		Volume (μL)	Maximum Permissible Errors			
						Gilson		ISO 8655	
			With stainless steel ejector	With plastic ejector		Systematic error (μL)	Random error (μL)	Systematic error (μL)	Random error (μL)
P2L	D10 DL10	DF10 DFL10	FA10001M	FA10001P	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
					2	± 0.030	≤ 0.014	± 0.08	≤ 0.04
P10L	D10 DL10	DF10 DFL10	FA10002M	FA10002P	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
P20L	D200	DF30	FA10003M	FA10003P	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
P100L	D200	DF100	FA10004M	FA10004P	10	± 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
P200L	D200 D300	DF200 DF300	FA10005M	FA10005P	20	± 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
P1000L	D1000 D1200	DF1000 DF1200	FA10006M	FA10006P	100	± 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
P5000L	D5000		FA10007**		500	± 12	≤ 3	± 40	≤ 15.0
					2500	± 15	≤ 5	± 40	≤ 15.0
					5000	± 30	≤ 8	± 40	≤ 15.0
P10mL L	D10mL		FA10008**		1000	± 30	≤ 6	± 60	≤ 30.0
					5000	± 40	≤ 10	± 60	≤ 30.0
					10000	± 60	≤ 16	± 60	≤ 30.0

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

* P10L model can be used up to 0.5 µL.

** P5000L and P10mL L do not have tip ejectors.

PIPETMAN L KITS

PIPETMAN L Kits contain three pipettes, conveniently packaged with PIPETMAN DIAMOND Tips and useful accessories.

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

With both stainless steel and plastic tip ejectors.



pipetman[®]

L MULTI

ALL DAY COMFORT FOR EVEN THE MOST INTENSIVE ROUTINES

Secure Pipetting

Volume locking system prevents accidental volume change during operation for complete security.

Optimised Comfort

Hooked handle design reduces tension and fatigue.

Lightweight multichannel with extremely low pipetting forces for even the most intensive pipetting routines.

Optimised Performance Across Channels

Uniform sample delivery for identical performance across all channels.

Like the single channel PIPETMAN L, the multichannel version also offers an extremely lightweight pipette that has been designed to fit naturally in your hand. The unique internal track system of the multichannel ensures consistent volume levels across all channels, allowing you to aspirate and dispense your samples with confidence.

PIPETMAN L Multichannel							
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)
P8x10L	D10	FA10013	0.5	± 0.08	≤ 0.04	± 0.24	≤ 0.16
	DL10		1	± 0.08	≤ 0.05	± 0.24	≤ 0.16
P12x10L	DF10	FA10014	5	± 0.20	≤ 0.10	± 0.24	≤ 0.16
	DFL10		10	± 0.20	≤ 0.10	± 0.24	≤ 0.16
P8x20L	DL10	FA10009	2	± 0.10	≤ 0.08	± 0.4	≤ 0.20
	DFL10		10	± 0.20	≤ 0.10	± 0.4	≤ 0.20
P12x20L	DF30	FA10010	20	± 0.40	≤ 0.15	± 0.4	≤ 0.20
	D200						
P8x200L	D200	FA10011	20	± 0.50	≤ 0.25	± 3.2	≤ 1.2
	D300		100	± 1.00	≤ 0.40	± 3.2	≤ 1.2
P12x200L	DF200	FA10012	200	± 2.00	≤ 0.50	± 3.2	≤ 1.2
	DF300						
P8x300L	D200	FA10015	20	± 1.00	≤ 0.35	± 8.0	≤ 3.0
	D300		30	± 1.00	≤ 0.35	± 8.0	≤ 3.0
P12x300L	DF200	FA10016	150	± 1.50	≤ 0.60	± 8.0	≤ 3.0
	DF300		300	± 3.00	≤ 1.00	± 8.0	≤ 3.0

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

COMPLETE YOUR EQUIPMENT WITH:

Accessories Part Number

Universal Multichannel stand	F161417
CARROUSEL, stand for 7 pipettes	F161401

For our full range of pipette accessories, see page 21.





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.

PIPETMAN 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 Classic, but with added comfort.

Add the new **PIPETMAN Comfort Handle** for an even better grip and to help reduce pipetting fatigue

- (page 21).



PIPETMAN G Single Channel									
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)
P2G	D10 DL10	DF10 DFL10	F144054M	F144054P	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
P10G*	D10 DL10	DF10 DFL10	F144055M	F144055P	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
P20G	D200	DF30	F144056M	F144056P	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
P100G	D200	DF100	F144057M	F144057P	10	± 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
P200G	D200 D300	DF200 DF300	F144058M	F144058P	20	± 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
P1000G	D1000 D1200	DF1000 DF1200	F144059M	F144059P	100	± 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
P5000G**	D5000		F144066		500	± 12	≤ 3	± 40	≤ 15.0
					2500	± 15	≤ 5	± 40	≤ 15.0
					5000	± 30	≤ 8	± 40	≤ 15.0
P10mLG**	D10mL		F144067		1000	± 30	≤ 6	± 60	≤ 30.0
					5000	± 40	≤ 10	± 60	≤ 30.0
					10000	± 60	≤ 16	± 60	≤ 30.0

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

* P10G model can be used up to 0.5 μL.

** P5000G and P10mLG do not have tip ejectors.

PIPETMAN G KITS

PIPETMAN G Kits contain three pipettes, conveniently packaged with PIPETMAN DIAMOND Tips and useful accessories.

PIPETMAN G Kits				
Model	Part Number	PIPETMAN G Models	PIPETMAN DIAMOND Tips	Accessories
PIPETMAN G Starter Kit	F167900	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	F167800	P2G P10G P100G	DL10 D200	

With both stainless steel and plastic tip ejectors.



pipetman

NEO®



COMBINE COMFORT AND PIPETTING CONTROL

Reduced Pipetting Forces

Up to 50% force reduction compared to PIPETMAN Classic.

Built To Last

Robust, durable and resistant to aggressive chemicals.

Reliable year after year.

Performance

Gilson's renown accuracy and precision.

Uniform sample delivery for multichannel models.

PIPETMAN Neo provides all the benefits of the legendary PIPETMAN Classic with the added enhancement of increased comfort.

The multichannel option also delivers unrivalled performance, precision and durability, making it an economical, efficient solution for years of pipetting comfort.

PIPETMAN Neo is also available as a **multichannel** pipette.



PIPETMAN Neo Single Channel								
Model	PIPETMAN Tips*		Part Number	Volume (μL)	Maximum Permissible Errors			
					Gilson		ISO 8655	
					Systematic error (μL)	Random error (μL)	Systematic error (μL)	Random error (μL)
P2N	D10 DL10	DF10 DFL10	F144561	0.2	± 0.024	≤ 0.012	± 0.08	≤ 0.04
				0.5	± 0.025	≤ 0.012	± 0.08	≤ 0.04
				1	± 0.025	≤ 0.012	± 0.08	≤ 0.04
				2	± 0.030	≤ 0.014	± 0.08	≤ 0.04
P10N*	D10 DL10	DF10 DFL10	F144562	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
P20N	D200	DF30	F144563	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
P100N	D200	DF100	F144564	10	± 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
P200N	D200 D300	DF200 DF300	F144565	20	± 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
P1000N	D1000 D1200	DF1000 DF1200	F144566	100	± 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
PIPETMAN Neo Multichannel								
P8x20N	DL10 D200	DFL10 DF30	F14401	2	± 0.10	≤ 0.08	± 0.4	≤ 0.2
P12x20N			F14402	10 20	± 0.20 ± 0.40	≤ 0.10 ≤ 0.20	± 0.4 ± 0.4	≤ 0.2 ≤ 0.2
P8x200N	D200 D300	DF100 DF200 DF300	F14403	20	± 0.50	≤ 0.25	± 3.2	≤ 1.2
P12x200N			F14404	100 200	± 1.00 ± 2.00	≤ 0.40 ≤ 0.60	± 3.2 ± 3.2	≤ 1.2 ≤ 1.2

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

* P10N model can be used from 0.5 µL.

AVAILABLE IN KITS

PIPETMAN Neo Kits				
Model	Part Number	PIPETMAN Neo Models	PIPETMAN DIAMOND Tips	Accessories
PIPETMAN Neo Starter Kit	F167700	P20N P200N P1000N	D200 D1000	3 SINGLE™ pipette holders 1 Gilson Guide to Pipetting 2-minute inspection Guide
PIPETMAN Neo PCR Kit	F167600	P10N P100N P1000N	DFL10ST DF100ST DF1000ST	



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 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.

Add the new **PIPETMAN Comfort Handle** for an even better grip and to help reduce pipetting fatigue (page 21).



PIPETMAN Fixed Volume pipettes are available in 14 models covering a volume range of 2 µL to 5000 µL.



PIPETMAN Classic Single Channel								
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 DL10	DF10 DFL10	F144801	0.2	± 0.024	≤ 0.012	± 0.08	≤ 0.04
				0.5	± 0.025	≤ 0.012	± 0.08	≤ 0.04
				1	± 0.025	≤ 0.012	± 0.08	≤ 0.04
				2	± 0.030	≤ 0.014	± 0.08	≤ 0.04
P10	D10 DL10	DF10 DFL10	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	DF30	F123600	2	± 0.10	≤ 0.030	± 0.2	≤ 0.1
				5	± 0.10	≤ 0.040	± 0.2	≤ 0.1
				10	± 0.10	≤ 0.050	± 0.2	≤ 0.1
				20	± 0.20	≤ 0.060	± 0.2	≤ 0.1
P100	D200	DF100	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 D300	DF200 DF300	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 D1200	DF1000 DF1200	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
				2000	± 30	≤ 6	± 60	≤ 30.0
				5000	± 40	≤ 10	± 60	≤ 30.0
				10000	± 60	≤ 16	± 60	≤ 30.0

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

PIPETMAN CLASSIC KITS

PIPETMAN Classic Kits contain three pipettes, conveniently packaged with PIPETMAN DIAMOND Tips and useful accessories.

PIPETMAN Classic Kits				
Model	Part Number	PIPETMAN Models	PIPETMAN DIAMOND Tips	Accessories
PIPETMAN Classic Starter Kit	F167300	P20 P200 P1000	D200 D1000	3 SINGLE™ pipette holders 1 Gilson Guide to Pipetting
PIPETMAN Classic Micro-volume Kit	F167500	P2 P10 P100	DF10 D200	
PIPETMAN Classic Large-Volume Kit	F167400	P5000 P10mL	-	2 x 10 Protection Filters



pipetmaX[®]

MAXIMISE REPRODUCIBILITY OF YOUR BIOLOGICAL SAMPLE PREP

PIPETMAX

Increase reproducibility and the pace of your experiments with this easy-to-use, **affordable**, automated liquid handling platform.



Upgrade To Automation For Reliable, Accurate Pipetting

Protect your important samples from procedural errors and maximise accuracy and precision with fully automated pipetting protocols and PIPETMAN technology.

Free Yourself From Tedious Sample Prep Work

Let PIPETMAX prepare samples for you! Enjoy more freedom away from the bench and focus on what's important — your next discovery.

Stay Flexible - For Now And For The Future

Use any reagent, any kit and adapt your pipetting protocols to meet the unique needs of your research.

PIPETMAN Inside ◦

With PIPETMAN inside, you can trust your pipetting to be reliable and consistent — plate to plate, lot to lot, time after time.

Exchangeable Heads, Removable Tray

Hardware can be customised to suit your methods and the pipette heads can be calibrated like a PIPETMAN.

No More User Variation

Free yourself from tedious pipetting jobs and free your results from inconsistencies due to pipetting errors.

A Truly Open System: Use Any Reagent, Any Protocol

Configure and customise your run using any reagent and any protocol you want. The hardware and software are built to be customisable.



PIPETMAX

Pipette Head Options	8 channel 1 µL - 20 µL, 8 channel 20 µL - 200 µL, single channel 1000 µL
Pipette Head Mounts	2 PIPETMAX pipetting heads
Bed Capacity	9 standard microplate positions
Labware Compatibility	Standard shallow- and deep-well microplates and microcentrifuge tubes
Instrument Dimensions	24.8" x 21.0" x 20.7" (with cover), 24.8" x 20.0" x 19.0" (without cover)
Operational Air Temperature	4°C - 40°C

APPLICATION VERSATILITY

PIPETMAX stops you from being tied down by routine pipetting tasks and can run a multitude of different applications and protocols.

- qPCR
- ELISA
- Cells Based Assays
- Protein Assays
- Enzymatic Reactions
- PCR
- Kinase Assays
- NGS Library Preparation
- Custom LH
- Agencourt[®] AMPure[®] XP PCR kits
- Illumina Nextera[®] XT System DNA Library Preps for MiSeq[®]
- Promega GoTaq[®] Amplification Probe1 Step RT-qPCR
- Promega GoTaq[®] PCR Core System

Download App Notes at www.gilson.com/pipetmax



platemaster®

FAST MANUAL MICROPLATE PIPETTING



Save Time And Increase Your Productivity

With minimal setup you can fill 96- or 384- well plates in less than one minute by reducing the number of manipulations for filling a microplate.

Simplifies Sample Prep

PLATEMASTER requires no programming, no power and minimal training, so you can start pipetting right away.

Convenient For Any Microplate Application

From plate transfers to supernatant, achieve accuracy and precision on the bench or under the hood.

PLATEMASTER is an amazingly easy-to-use, accurate solution for high throughput pipetting of 96- and 384-well microplates.

PLATEMASTER	
PLATEMASTER P20 F110761	0.5 µL - 20 µL Adjustable in 0.1 µL increments
PLATEMASTER P220 F110762	2 µL - 220 µL Adjustable in 1 µL increments
Dimensions	300 mm x 450 mm x 400 mm (W x L x H)
Weight	16 kg

CARROUSEL™ Pipette Stand

- Protects pipettes from shocks and contamination.
- Holds up to seven Gilson pipettes for space saving.



Power CARROUSEL™

- PIPETMAN M charging stand.
- Charge up to 5 at once in one hour.
- Keeps your PIPETMAN M always operational.



Single™ Pipette Holder

- Holds your single or multichannel PIPETMAN.
- Sticks to any smooth, dry surface.
- Prevents liquid from running inside shaft.



Trio™ Pipette Stand

- Safely stores and protects three PIPETMAN.
- Helps organise your workbench.



Universal Multichannel Stand

- Holds any brand of 8 or 12 channel pipette securely.
- Compact design for space savings.



Gilson Reagent Reservoirs

- Disposable, ideal for dispensing reagent with multichannel pipettes.
- 25 mL and 50 mL available.



PIPETTE ACCESSORIES

PIPETMAN COMFORT HANDLE

- Clips on to PIPETMAN Classic, Neo and G models.
- Reduces the force needed to grip the pipette for maximum comfort.



Coloris™ Identification Clips

- Identify or personalise your PIPETMAN.
- Write your name or application to avoid mix-ups and then snap into place.



THE JIMMY™ Microtube Opener

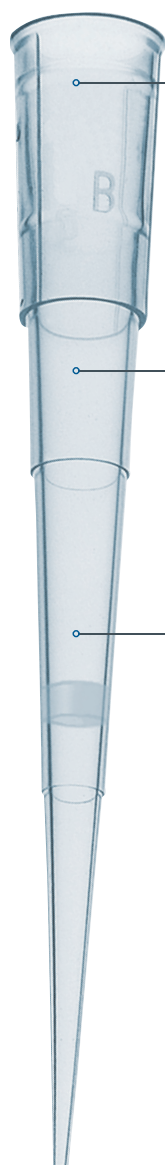
- Clips on to pipette.
- Increases pipetting efficiency.
- Lessens the fatigue associated with manual tube opening.



PIPETMAN Accessories

Description	Part Number
Carrousel, stand for 7 pipettes	F161401
Power Carrousel	FB1001
Single pipette holder	F161406
Trio, stand for 3 pipettes	F161405
Universal Multichannel Stand	F161417
Reagent Reservoir 25 mL, 100	F267660
Reagent Reservoir 50 mL, 100	F267670
COMFORT HANDLE pack of 3, blue	F161486
COMFORT HANDLE pack of 50, blue	F161485
COMFORT HANDLE pack of 3, white	F161488
COMFORT HANDLE pack of 50, white	F161487
COMFORT HANDLE stickers, 120	F161499
10 Coloris clips, mixed colours	F161301
10 Coloris clips, red	F161302
10 Coloris clips, yellow	F161303
10 Coloris clips, green	F161304
10 Coloris clips, blue	F161305
10 Coloris clips, white	F161306
The JIMMY Microtube Opener	F144983

HIGHEST QUALITY TIPS FOR SUPERIOR RESULTS



Guarantee Your PIPETMAN Results

PIPETMAN Tips are designed to fit your PIPETMAN perfectly. Only by using PIPETMAN Tips in conjunction with your Gilson pipette can you guarantee the maximum accuracy and precision.

Affordable And Versatile For Every Application

Your needs, budget and tip consumption vary according to your specific research activity. With our extensive range of packaging, every lab can afford the highest quality PIPETMAN Tips for every application.

Contamination-Free

Our tips are made of the highest grade material within a fully traceable, clean room environment, ensuring they offer low retention and are free of contaminants that can alter your experiments. From mould to bench, they are guaranteed, certified and traceable to meet the most stringent demands in many applications.

Also available are **PIPETMAN Filter Tips** offering total protection against aerosol contamination and **Sterilised PIPETMAN Tips**, which are gamma irradiated and certified free of DNA, RNA, RNases, DNases, ATP proteases and trace metals.

WIDEST RANGE OF TIP PACKAGING

BLISTER REFILL

- Individually wrapped racks of tips that are convenient, clean and eco-friendly.
- Ready to use, just peel the lid and insert into the empty box.
- Uses 45% less plastic than regular rack box.
- Fully autoclavable, available as sterilised and filter tips.



RELOAD PACK

- Quickest way to reload empty box.
- Uses 70% less plastic, recyclable packaging is eco-friendly.
- Easy to store, takes up less bench space.
- Affordable and convenient.
- Fully autoclavable.



TIPACK RACKED TIPS

- New design is more compact, convenient, ergonomic and eco-friendly.
- Patented ROCKY RACK system and hinged 180° angled lid makes it extremely easy to fit tips on multichannel pipettes.
- Fully autoclavable, available as sterilised and filter tips.



TOWERPACK

- A quick, easy and affordable rack refill system.
- Uses 60% less space on your bench and 70% less plastic than regular rack box.
- Whole range of TOWERPACK fits the amazingly easy-to-use universal reload box.
- One-hand system operation.
- Fully autoclavable, available sterilised.



EASYPACK & ECOPACK

- Purchase in bulk and save money by simply reloading these tips into empty racks.
- Bags are sealed with rapid-sealing strip for easy access and to prevent contamination.
- Minimal waste.
- Fully autoclavable.
- EASYPACK: 5 bags x 200 tips.
- ECOPACK: 10 bags x 1000 tips.



STERILPACK

- Individually wrapped sterilised tips.
- Complete protection from contaminants up to the moment of use.
- Wrapped in medical device quality plastic.
- Sterilisation guaranteed for 5 years.
- 400 individually wrapped sterilised tips.





pipetman®

DIAMOND TIPS

Standard PIPETMAN DIAMOND Tips

	Description	Volume Range	Tip Length	Qty/ Pack	Autoclavable Tips	Sterilised Tips
					Part Number	Part Number
RELOAD	DL10 RELOAD PACK	0.1 - 20 µL	45 mm	960	F167012	-
	D200 RELOAD PACK	2 - 200 µL	51 mm	960	F167013	-
	D1000 RELOAD PACK	100 - 1000 µL	66mm	576	F167014	-
BLISTER	DL10 BLISTER REFILL	0.1 - 20 µL	45 mm	960	F172200	F172201
	D200 BLISTER REFILL	2 - 200 µL	51 mm	960	F172300	F172301
	D300 BLISTER REFILL	10 - 300 µL	51 mm	960	F172400	F172401
	D1000 BLISTER REFILL	100 - 1000 µL	66mm	960	F172500	F172501
TIPACK	D10 TIPACK	0.1 - 10 µL	30 mm	960	F171100	F171101
	DL10 TIPACK	0.1 - 20 µL	45 mm	960	F171200	F171201
	D200 TIPACK	2 - 200 µL	51 mm	960	F171300	F171301
	D300 TIPACK	10 - 300 µL	51 mm	960	F171400	F171401
	D1000 TIPACK	100 - 1000 µL	66 mm	960	F171500	F171501
	D1200 TIPACK	100 - 1200 µL	84 mm	960	F171600	F171601
	D5000 TIPACK	0.5 - 5 mL	10.4 cm	600	F161370	-
	D10mL TIPACK	1 - 10 mL	16 cm	240	F161230	-
TOWERPACK	D10 TOWERPACK	0.1 - 10 µL	30 mm	960	F167101	F167201
	DL10 TOWERPACK	0.1 - 20 µL	45 mm	960	F167102	F167202
	D200 TOWERPACK	2 - 200 µL	51 mm	960	F167103	F167203
	D300 TOWERPACK	10 - 300 µL	51 mm	960	F167105	F167205
	D1000 TOWERPACK	100 - 1000 µL	66 mm	672	F167104	F167204
ECOPACK	D10 ECOPACK	0.1 - 10 µL	30 mm	10,000	F161630	-
	DL10 ECOPACK	0.1 - 20 µL	45 mm	10,000	F161450	-
	D200 ECOPACK	2 - 200 µL	51 mm	10,000	F161930	-
	D300 ECOPACK	10 - 300 µL	51 mm	10,000	F161730	-
	D1000 ECOPACK	100 - 1000 µL	66 mm	10,000	F161670	-
	D1200 ECOPACK	100 - 1200 µL	84 mm	10,000	F161110	-
EASYPACK	D10 EASYPACK (5 bags of 200)	0.1 - 10 µL	30 mm	1,000	F161631	-
	DL10 EASYPACK (5 bags of 200)	0.1 - 20 µL	45 mm	1,000	F161451	-
	D200 EASYPACK (5 bags of 200)	2 - 200 µL	51 mm	1,000	F161931	-
	D300 EASYPACK (5 bags of 200)	10 - 300 µL	51 mm	1,000	F161731	-
	D1000 EASYPACK (5 bags of 200)	100 - 1000 µL	66 mm	1,000	F161671	-
	D1200 EASYPACK (5 bags of 200)	100 - 1200 µL	84 mm	1,000	F161111	-
	D5000 EASYPACK (3 bags of 334)	0.5 - 5 mL	10.4 cm	1,002	F161571	-
	D10mL EASYPACK (1 box of 200)	1 - 10 mL	16 cm	200	F161210	-
	D1000ST STERILPACK	100 - 1000 µL	66 mm	400	-	F161340
STERIL	D200ST STERILPACK	2 - 200 µL	51 mm	400	-	F161330
	D1000ST STERILPACK	100 - 1000 µL	66 mm	400	-	F161340

PIPETMAN DIAMOND Filter Tips

	Description	Volume Range	Tip Length	Qty/ Pack	Sterilised Tips	
					Part Number	Part Number
BLISTER	DFL10ST BLISTER REFILL	0.1 - 10 µL	45 mm	960	F172203	
	DF30ST BLISTER REFILL	2 - 30 µL	51 mm	960	F172303	
	DF100ST BLISTER REFILL	10 - 100 µL	51 mm	960	F172403	
	DF200ST BLISTER REFILL	20- 200 µL	51 mm	960	F172503	
	DF300ST BLISTER REFILL	10 - 300 µL	51 mm	960	F172703	
	DF1000ST BLISTER REFILL	100 - 1000 µL	66mm	960	F172603	
TIPACK	DF10ST Filter TIPACK	0.1 - 10 µL	30 mm	960	F171103	
	DFL10ST Filter TIPACK	0.1 - 10 µL	45 mm	960	F171203	
	DF30ST Filter TIPACK	2 - 30 µL	51 mm	960	F171303	
	DF100ST Filter TIPACK	10 - 100 µL	51 mm	960	F171403	
	DF200ST Filter TIPACK	20 - 200 µL	51 mm	960	F171503	
	DF300ST Filter TIPACK	10 - 300 µL	51 mm	960	F171603	
	DF1000ST Filter TIPACK	100 - 1000 µL	66 mm	960	F171703	
	DF1200ST Filter TIPACK	100 - 1200 µL	84 mm	960	F171803	



Empty Reload Racks / Boxes

Description	Qty	Part Number
Universal Reload Box (1 rack)	1	F167100
DL10/D200 Empty Box (For RELOAD)	2	F171204
D1000 Empty Box (For RELOAD)	2	F171504
D10 Empty Racks (set of 2)	2	F171102
DL10 Empty Racks (set of 2)	2	F171202
D200 Empty Racks (set of 2)	2	F171302
D300 Empty Racks (set of 2)	2	F171402
D1000/D1200 Empty Racks	2	F171502
D5000 Empty Rack (1 rack)	1	F161360
D10mL Empty Rack (1 rack)	1	F161220



- Universal Reload box for use with TOWERPACKS.
- Empty box for use with RELOAD PACK and BLISTER PACK.

Empty Rack for use with ECOPACK and EASY PACK loose tips.

BLISTER PACK for PIPETMAX - Certified 384-Well

	Description	Volume Range	Tip Length	Qty/ Pack	Autoclavable Tips	Sterilised Tips
					Part Number	Part Number
BLISTER	DSL10 BLISTER REFILL 384-Certified	0.1 - 20 µL	45 mm	960	F172210	F172211
	DS200 BLISTER REFILL 384-Certified	2 - 200 µL	51 mm	960	F172310	F172311
	DS1000 BLISTER REFILL 384-Certified	100 - 1000 µL	66mm	960	F172510	F172511
BLISTER FILTER	DSFL10ST BLISTER REFILL 384-Certified	0.1 - 10 µL	45 mm	960	-	F172213
	DSF30ST BLISTER REFILL 384-Certified	2 - 30 µL	51 mm	960	-	F172313
	DSF200ST BLISTER REFILL 384-Certified	20- 200 µL	51 mm	960	-	F172513
	DSF1000ST BLISTER REFILL 384-Certified	100 - 1000 µL	66mm	960	-	F172613



microman[®]

E

ERGONOMIC PIPETTING FOR PROBLEM LIQUIDS



Contamination-Free Pipetting

Minimise the potential for pipette, sample and human contamination with MICROMAN E. Dispose of the capillary piston (CP) tip safely with a click of the push button.

Reliable Results Even With Problem Liquids

Whether a viscous, volatile, hot or cold sample, MICROMAN E can handle the job with accuracy and precision.







Have complete confidence in your results with the new volume-locking button which eliminates accidental volume modification.

Protect Your Pipettes

Positive-displacement technology makes it the ideal pipette for volatile liquids that can contaminate and corrode your pistons.

MICROMAN E positive displacement pipettes, along with capillary pistons, offer the highest precision when pipetting problem samples - ergonomically. Working like a syringe, Capillary Pistons eliminate the air cushion between the sample and disposable piston. Therefore the accuracy of the pipettes is not affected by the physical properties of the sample.

Download MICROMAN E White Paper at www.gilson.com

MICROMAN E							
Model	Part Number	Capillary Piston	Volume (µL)	Maximum Permissible Errors			
				Gilson		ISO 8655	
				Systematic error (µL)	Random error (µL)	Systematic error (µL)	Random error (µL)
	M10E	FD10001	CP10 CP10ST	1	± 0.09	≤ 0.03	± 0.2
				5	± 0.10	≤ 0.03	± 0.2
				10	± 0.15	≤ 0.06	± 0.2
	M25E	FD10002	CP25 CP25ST	3	± 0.25	≤ 0.08	± 0.7
				10	± 0.27	≤ 0.08	± 0.7
				25	± 0.30	≤ 0.10	± 0.7
	M50E	FD10003	CP50 CP50ST	20	± 0.34	≤ 0.20	± 0.7
				50	± 0.70	≤ 0.30	± 0.7
	M100E	FD10004	CP100 CP100ST	10	± 0.50	≤ 0.20	± 1.5
				50	± 0.75	≤ 0.30	± 1.5
				100	± 1.00	≤ 0.40	± 1.5
	M250E	FD10005	CP250 CP250ST	50	± 1.50	≤ 0.30	± 6
				100	± 1.70	≤ 0.30	± 6
				250	± 2.50	≤ 0.50	± 6
	M1000E	FD10006	CP1000 CP1000ST	100	± 3.0	≤ 1.6	± 12
				500	± 5.0	≤ 2.5	± 12
				1000	± 8.0	≤ 4.0	± 12

CAPILLARY PISTONS

Capillary Pistons			
Capillary Piston	MICROMAN Model	Part Number	Qty/Box
CP10	M10E	F148412	192
		F148312	960
CP25	M25	F148112	200
		F148012	960
CP50	M50E	F148113	200
		F148013	960
CP100	M100E	F148414	192
		F148314	960
CP250	M250E	F148114	200
		F148014	960
CP1000	M1000E	F148560	182
Sterilised Capillary Pistons			
CP10ST	M10E	F148413	192
		F148313	960
CP25ST	M25E	F148712	576
CP50ST	M50E	F148713	576
CP100ST	M100E	F148415	192
		F148315	960
CP250ST	M250E	F148714	576
CP1000ST	M1000E	F148180	182

100% Protection Against Contamination.

The disposable piston is located inside the capillary tip so users can be assured that no harmful samples will contaminate the pipette.

- Dye-free - no risk of chemical contamination.
- Slender profile - fits most tubes.





repetman®



THE MOTORISED REPETITIVE DISPENSING SOLUTION!

Comfortable Pipetting With No Force Required

It fits naturally in either hand and increases operator comfort.

Improves Results Reducing Operator Error

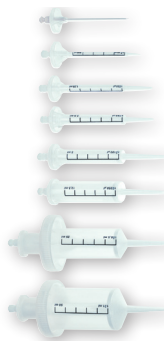
With automatic tip identification and motor-driven pipetting. REPETMAN is a positive-displacement pipette with a large choice of REPET-TIP consumables - standard or sterile from 0.1 mL to 50 mL, covering a wide range of dispensed volumes: from 1 µL to 50 mL.

REPETMAN	
REPETMAN	Part Number
Repetman, UK plug (230V / 50Hz)	F164503
NiMH battery pack	F164595

REPET-TIPS		
REPET-TIPS	Non-Sterile	Sterile*
REPET-TIP (0.1 mL)	F164510	F164515
REPET-TIP (0.5 mL)	F164520	F164525
REPET-TIP (1.0 mL)	F164527	F164528
REPET-TIP (1.25 mL)	F164530	F164535
REPET-TIP (2.5 mL)	F164540	F164545
REPET-TIP (5.0 mL)	F164550	F164555
REPET-TIP (10.0 mL)	F164557	F164558
REPET-TIP (12.5 mL)	F164560	F164565
REPET-TIP (25 mL, box of 50)**	F164570	-
REPET-TIP (25 mL, box of 25)**	-	F164575
REPET-TIP (50 mL)**	F164580	F164585
Adapter for 25/50 mL REPET-TIP (set of 10)	F164591	-
Adapter for 25/50 mL REPET-TIP (set of 5)	-	F164592

* Sterile / Endotoxin-free (less than 0.01 I.U./mL)

** One autoclavable adapter is provided in each box



distriman®



FASTER MULTIPLE DISPENSING

Simplifies Multiple Dispensing

Dispense exact volumes without tedious calculations.

Optimal pipetting results even with volatile or viscous liquids.

Save Money

DISTRIMAN covers a large volume range with only three DISTRITIP syringes - very economical and available in standard or sterilised form (boxes of 50).

DISTRIMAN is the only continuously adjustable mechanical repetitive pipette with direct volume readout available on the market.

DISTRIMAN	
Model	Part Number
DISTRIMAN (1 µL to 1.25 mL)	F164001



DISTRITIPS							
DistriTips (pk 50)	Range	Part Number	Volume (µL)	Maximum Permissible Errors			
				Gilson		ISO 8655	
				Systematic error (µL)	Random error (µL)	Systematic error (µL)	Random error (µL)
125 µL Micro Micro ST*	1 - 12.5 µL	F164100 F164130	Min.2 5 Max.10	± 0.100 ± 0.125 ± 0.200	≤ 0.080 ≤ 0.075 ≤ 0.100	± 0.2 ± 0.2 ± 0.2	≤ 0.1 ≤ 0.1 ≤ 0.1
1250 µL Mini Mini ST*	10 - 125 µL	F164110 F164140	Min.20 50 Max.100	± 0.80 ± 1.00 ± 1.00	≤ 0.20 ≤ 0.40 ≤ 0.60	± 1.5 ± 1.5 ± 1.5	≤ 0.6 ≤ 0.6 ≤ 0.6
12.5 mL Maxi Maxi ST*	0.1 - 12.5 mL	F164120 F164150	Min.200 500 Max.1000	± 6.0 ± 7.5 ± 10.0	≤ 1.0 ≤ 1.5 ≤ 2.5	± 12.0 ± 12.0 ± 12.0	≤ 4.0 ≤ 4.0 ≤ 4.0

*ST means sterilised syringes (individually wrapped).



macroman™

THE EFFICIENT SOLUTION FOR
PIPETTING UP TO 100 mL AT ONCE!



Optimal Comfort

Fatigue free due to its light weight and soft-touch material.

Secure Results

Precise and smooth speed control with motorised dosing button.

MACROMAN is a robust and reliable pipette controller for glass and plastic pipettes from 1 mL to 100 mL.

MACROMAN	
Description	Part Number
MACROMAN	F110756

Complete Your Equipment With:

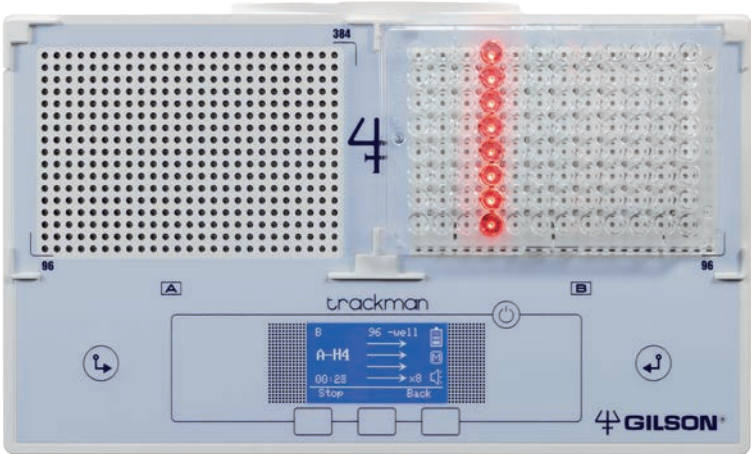
Magnetic charging stand (with complete mounting kit) for busy laminar flow cabinet.

Unique adaptor for D5000 and D10mL PIPETMAN DIAMOND® Tips.

MACROMAN Accessories	
Description	Part Number
Charging stand	F1077528
0.45 µm standard filter	F1077504
0.45 µm sterile filter	F1077525
0.20 µm standard filter	F1077503
0.20 µm sterile filter	F1077526
Nose-piece	F1077506
Filter rubber	F1077502
Pipette mount	F1077505
Adaptor for D5000 and D10mL PIPETMAN DIAMOND® Tips	F161287

trackman™

GUIDING YOU TO SUCCESS!



Get on track, keep on track, as you pipette flawlessly from one microplate to another with the help of TRACKMAN.

Secure Your Results

TRACKMAN simplifies your work, improves your productivity and helps eliminate pipetting errors and cross-contamination.

Versatile Performance

TRACKMAN'S LED lights help you place your 96- and 384- well microplates in the correct position on the light panel, while fixed notches secure your plates firmly in place.

TRACKMAN	
Model	Part Number
TRACKMAN	F70301

Complete Your Equipment With:

Expand the functionality of your TRACKMAN with the versatile microtube-holder to transfer liquids from one microtube to another (0.5 mL, 1.5 mL, and 2 mL).

TRACKMAN Accessories	
Model	Part Number
Microtube-holder	F70105
Pedal for TRACKMAN	F70261





GmCLab

QUICK AND SAFE MINI CENTRIFUGE



The GmCLab is a fixed-speed, personal mini-centrifuge that provides quick separation of particles from the supernatant in a solid-liquid mixture, or spins down liquids to the bottom of a microtube.

Multiple Tube Options

Accommodates eight micro-tubes of 1.5 mL or 2.0 mL, two strips of 8-PCR (0.2 mL) tubes, or 16 single PCR tubes.

Fast And Simple Operation

Simple spin activation by closing the lid. The lid opens up to an angle of 160° to allow easy access to the tubes.

Save Space With Its Simple Design

Small footprint allows for easy integration on a busy workbench.

GmCLab	
Model	Part Number
GmCLab - EU plug (230 V / 50-60 Hz)	F110731
GmCLab - US plug (120 V / 50-60 Hz)	F110732
GmCLab - UK plug (230 V / 50-60 Hz)	F110733
GmCLab - AU plug (230 V / 50-60 Hz)	F110734
GmCLab - JP plug (100 V / 50-60 Hz)	F110735

extractman®

DISCOVER MORE PROTEIN INTERACTIONS MORE EASILY



EXTRACTMAN offers a faster, gentler magnetic mixing approach to isolating target proteins and is ideal for isolating elusive, weakly-bound protein complexes critical to protein interaction research.

Ergonomic And Easy-To-Use

Slide-based extraction gently moves your sample through isolation with a simple slide of the handle.

Preserve Your Sample

Exclusion-based Sample Preparation (ESP)* technology isolated proteins while keeping the remaining sample intact for further study.

* trademarked technology owned by Salus.

EXTRACTMAN	
Model	Part Number
EXTRACTMAN STARTER KIT	2210000
EXTRACTMAN Bead Capture Strip	22100007
EXTRACTMAN 15µL Extraction Plate	22100008



minipuls

EVOLUTION®

HIGH PERFORMANCE, EASY-TO-USE PERISTALTIC PUMP

Maximise Your Applications

Offering unmatched flexibility and performance, the MINIPULS Evolution provides the flexibility to quickly expand from 1 to 16 separate channels of low pulse flow with a variety of fluids at different viscosities.



MINIPULS EVOLUTION	
Description	Part Number
MINIPULS Evolution Speed Control Module	F110701
MF1 Pump Head	F110705
MF4 Pump Head	F110706
MF2 Pump Head	F110707

minipuls®

3

Pulse-Free Peristaltic Pump

A rugged pump with interchangeable heads for delivering smooth, low pulse flows of liquids in 1, 2, 4, or 8 channel standard flow rate and 2 or 4 channel high flow rate configurations.

Chemical resistant pump heads, equipped with ten stainless steel rollers, produce reproducible flow rates at high pressures.



MINIPULS 3			
Description	Part Number	Max Flow Rate	N°/Channels
Pump Module MINIPULS 3	F155001	-	-
R1 Pump Head	F117604	up to 30 mL/min	1
R2 Pump Head	F117800	up to 30 mL/min	2
R4 Pump Head	F117606	up to 30 mL/min	4
R8 Pump Head	F117608	up to 30 mL/min	8
R2/HF Pump Head (High Flow)	F117830	up to 220 mL/min	2
R4/HF Pump Head (High Flow)	F117831	up to 220 mL/min	4

minipuls

TUBING

SELECTING THE RIGHT TUBING

A collection of tables and charts is available at www.gilson.com to be used as a guide for selecting the appropriate tubing.

- Most suitable material according to your sample's chemical compatibility.
- Large variety of internal diameters to reach desired flow rates.
- Appropriate connectors and extension tubing.

TUBING FOR MF1 & MF4 PUMP HEADS (LENGTH = APPROX 40 CM/ 16 IN)							
Material	Internal diameter (mm)	Reference tubing (calibrated tubing)	Colour coded stops	Extension tubing (3m/118in)	Connectors	MINIPULS 3 Maximum Flow rate (mL/min)	MINIPULS Evolution Maximum Flow rate (mL/min)
PVC	0.25	F117932	Orange	F117952	F117985	0,407	0,574
	0.38	F117933	Orange	F117953	F117986	0,695	1,22
	0.51	F117934	Orange	F117954	F117986	1,415	1,90
	0.76	F117936	Orange	F117956	F117987	2,1	3,00
	1.02	F117938	Orange	F117958	F1179941	4,1	6,0
	1.30	F117940	Orange	F117960	F1179941	6,2	9,0
	1.52	F117942	Orange	F117962	F1179941	9	14
	1.65	F117943	Orange	F117963	F1179941	10	16
	2.06	F117945	Orange	F117965	F1179941	16	25
	2.29	F117946	Orange	F117966	F1179941	20	29
	2.79	F117948	Orange	F117968	F1179951	23	39
	3.16	F117949	Orange	F117969	F1179951	29	47
	0.5	F1817741	Orange	F117740	F117986	1,8	2,9
	1.0	F1817743	Orange	F117742	F1179941	4	10
ISOVERSINIC ISOVERSINIC®	2.0	F1817745	Orange	F117744	F1179941	13	24
	3.0	F117747	Orange	F117746	F1179951	27	55
	4	F117749	Orange	F117748	-	33	70
	0.6	F1825111	Orange	F1825131	F117987	1,5	3,2
SILICONE	1.0	F1825112	Orange	F1825132	F1179941	4	7
	2.0	F1825113	Orange	F1825133	F1179951	15	21
	2.8	F1825114	Orange	F117975	F1179951	23	31
PHARMED®	0.5	F1825101	Orange	F1825121	F117986	1,4	2,5
	1.0	F1825102	Orange	F1825122	F117994z	5	7
	2.0	F1825103	Orange	F1825123	F1179951	15	24

TUBING FOR HF2 PUMP HEAD (LENGTH = 3M / 118 IN)				
Material	Internal diameter mm	Reference tubing (calibrated tubing)	Minipuls 3 Maximum Flow rate (mL/min)	Minipuls evolution Maximum Flow rate (mL/min)
PVC	2.06	F117965	24	33
	2.29	F117966	29	41
	2.79	F117968	41	66
	3.16	F117969	49	85
	4.0	F117970	75	128
	5.0	F117980	113	179
	6.0	F117981	163	218
	8.0	F117982	213	340
ISOVERSINIC®	2.0	F117744	23	30
	3.0	F117746	48	67
	4.0	F117748	86	120
	6.0	F117750	181	246
SILICONE	2.0	F1825133	25	31
	3.0	F117975	44	57
	4.0	F117976	71	105
	5.0	F117977	115	148
	6.0	F117978	150	207
PHARMED®	7.0	F117979	220	300
	2.0	F1825123	26	31
	3.2	F1825124	57	77
	6.4	F1825125	171	240

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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





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