

pipet4u[®] Performance

High Performance Manual Pipettes

UV

resistant

CE IVD

2

YEAR
warranty

fully

autoclavable

121° C | 250° F
1.05 bar | 15 psig (Pounds)
15 min

• Accurate and reliable pipetting

Reverse pipetting option for accurate and precise aspirating and dispensing of viscous liquids

Innovative soft grip for more comfort

Lock counter mechanism² prevents volume changes while pipetting



pipet4u[®] Pipette Racks are available, see [pipet4u[®] Accessoires](#)
Compatibility of pipet4u[®] Pipettes with AHN Tips/Filter Tips, see [Tips/Filter Tips Compatibility](#)



• Comfortable and effortless pipetting

Light weight pipette design

Ergonomic design for easy operation prevents hand stress

Ergonomic grip shape

Ergonomic low plunger force minimizes RSI¹

• Sterile handling

Fully autoclavable pipette

• Easy and quick maintenance and adjustment

With the included disassembly/calibration tool

• No loss of samples

Blow out system allows last drop dispensing

¹ RSI - Repetitive Strain Injury

² Equipment of variable Volume Manual Pipettes

pipet4u[®] Performance

Single Channel fixed Volume Manual Pipettes

pipet4u[®] Performance Manual Pipettes meet the following international standards: according to

International Organisation for Standardisation
 European Committee for Standardisation
 German Institute for Standardisation
 Electrical and general safety in accordance with
 Electromagnetic compatibility in accordance with
 Marking and layout in accordance with
 Conformity testing in accordance with
 CE-Sign marked in accordance with

ISO 8655, part 1-6
 CEN EN ISO 8655
 DIN 12650
 IEC 61010-1
 IEC 61326-1
 IEC 60073
 DIN 12600
 EU Directive 98/79 EG, Art. 10

Included Accessories

- Tool for calibration and disassembling
- O-rings (for 5000 µl | 10000 µl pipette)
- Sample bag with tips
- Grease
- Calibration report
- Instruction manual

Volume	Test Volume	Increments	Inaccuracy*	Imprecision**	Cat. No.
5 µl	5 µl	-	1.3 %	1.1 %	8-001-00-9
10 µl	10 µl	-	0.8 %	0.6 %	8-002-00-9
20 µl	20 µl	-	0.6 %	0.3 %	8-003-00-9
25 µl	25 µl	-	0.6 %	0.3 %	8-004-00-9
50 µl	50 µl	-	0.6 %	0.3 %	8-007-00-9
100 µl	100 µl	-	0.5 %	0.2 %	8-008-00-9
200 µl	200 µl	-	0.5 %	0.2 %	8-009-00-9
250 µl	250 µl	-	0.5 %	0.2 %	8-010-00-9
500 µl	500 µl	-	0.5 %	0.2 %	8-011-00-9
1000 µl	1000 µl	-	0.5 %	0.2 %	8-012-00-9
2000 µl	2000 µl	-	0.5 %	0.2 %	8-013-00-9
2500 µl	2500 µl	-	0.5 %	0.2 %	8-014-00-9
5000 µl	5000 µl	-	0.5 %	0.2 %	8-015-00-9
10000 µl***	10000 µl	-	0.4 %	0.2 %	8-016-00-9

* Systematic error

** Random error

*** Tip ejector function not available

pipet4u[®] Performance

Single Channel variable Volume Manual Pipettes

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 EU Directive 98/79 EG, Art. 10

Included Accessories

- Tool for calibration and disassembling
- O-rings (for 5000 µl | 10000 µl pipette)
- Sample bag with tips
- Grease
- Calibration report
- Instruction manual

Volume Range	Test Volume	Increments	Inaccuracy*	Imprecision**	Cat. No.
0.1 - 2.5 µl	0.25 µl	0.01 µl	12.0 %	6.0 %	8-100-00-9
	1.25 µl		3.0 %	3.0 %	
	2.5 µl		2.5 %	2.0 %	
0.5 - 10 µl	1 µl	0.1 µl	2.5 %	1.5 %	8-101-00-9
	5 µl		1.5 %	0.8 %	
	10 µl		1.0 %	0.4 %	
2 - 20 µl	2 µl	0.5 µl	2.5 %	1.5 %	8-102-00-9
	10 µl		1.2 %	0.6 %	
	20 µl		1.0 %	0.3 %	
5 - 50 µl	5 µl	0.5 µl	2.0 %	1.5 %	8-103-00-9
	25 µl		1.2 %	0.8 %	
	50 µl		1.0 %	0.3 %	
10 - 100 µl	10 µl	0.5 µl	2.0 %	1.5 %	8-104-00-9
	50 µl		1.0 %	0.3 %	
	100 µl		0.8 %	0.2 %	
20 - 200 µl	20 µl	1.0 µl	2.5 %	0.7 %	8-105-00-9
	100 µl		1.0 %	0.3 %	
	200 µl		0.6 %	0.2 %	
50 - 200 µl	50 µl	1.0 µl	1.0 %	0.4 %	8-105-01-9
	100 µl		1.0 %	0.3 %	
	200 µl		0.6 %	0.2 %	
100 - 1000 µl	100 µl	5.0 µl	2.0 %	0.6 %	8-106-00-9
	500 µl		0.9 %	0.2 %	
	1000 µl		0.6 %	0.2 %	
200 - 1000 µl	200 µl	5.0 µl	0.9 %	0.3 %	8-106-01-9
	500 µl		0.9 %	0.2 %	
	1000 µl		0.6 %	0.2 %	
500 - 5000 µl	500 µl	50.0 µl	1.9 %	0.7 %	8-107-00-9
	2500 µl		1.0 %	0.5 %	
	5000 µl		0.6 %	0.3 %	
2000 - 10000 µl***	2000 µl	100.0 µl	3.0 %	0.6 %	8-108-00-9
	5000 µl		1.2 %	0.3 %	
	10000 µl		0.6 %	0.2 %	

* Systematic error

** Random error

*** Tip ejector function not available

pipet4u[®] Performance

Multi Channel variable Volume Manual Pipettes

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 DIN 12650
 IEC 61010-1
 IEC 61326-1
 IEC 60073
 DIN 12600
 EU Directive 98/79 EG, Art. 10

Included Accessories

- Tool for calibration and disassembling
- O-rings
- Sample bag with tips
- Grease
- Calibration report
- Instruction manual

Volume Range		Test Volume	Increments	Inaccuracy*	Imprecision**	Cat. No.
0.5 - 10 µl	8 Channel	0.50 µl	0.1 µl	2.0 %	2.0 %	8-201-00-9
		5 µl		1.6 %	1.6 %	
		10 µl		1.5 %	1.5 %	
5 - 50 µl	8 Channel	5 µl	0.5 µl	2.0 %	2.0 %	8-202-00-9
		25 µl		1.0 %	0.8 %	
		50 µl		0.6 %	0.5 %	
30 - 300 µl	8 Channel	30 µl	1.0 µl	2.5 %	0.9 %	8-203-00-9
		150 µl		1.2 %	0.5 %	
		300 µl		0.6 %	0.4 %	
0.5 - 10 µl	12 Channel	1 µl	0.1 µl	4.0 %	4.0 %	8-401-00-9
		5 µl		2.5 %	2.5 %	
		10 µl		1.5 %	1.5 %	
5 - 50 µl	12 Channel	5 µl	0.5 µl	3.0 %	2.0 %	8-402-00-9
		25 µl		1.5 %	1.0 %	
		50 µl		1.0 %	0.7 %	
30 - 300 µl	12 Channel	30 µl	1.0 µl	1.5 %	0.75 %	8-403-00-9
		150 µl		1.0 %	0.5 %	
		300 µl		0.8 %	0.25 %	

* Systematic error ** Random error

Spare Parts

pipet4u[®] Performance Single Channel Manual Pipette



Description	Volume	Sales Unit	Cat. No.
pipet4u [®] bottom assembly 1	0.1-2.5 µl	1 Set	8-190-00-9
pipet4u [®] bottom assembly 2	0.5-10 µl 2.5 µl	1 Set	8-190-01-9
pipet4u [®] bottom assembly 3	2-20 µl	1 Set	8-190-02-9
pipet4u [®] bottom assembly 4	5-50 µl 5 µl 10 µl 20 µl 25 µl 50 µl	1 Set	8-190-03-9
pipet4u [®] bottom assembly 5	10-100 µl 100 µl	1 Set	8-190-04-9
pipet4u [®] bottom assembly 6	20-200 µl 50-200 µl 200 µl	1 Set	8-190-05-9
pipet4u [®] bottom assembly 7	100-1000 µl 200-1000 µl 250 µl 500 µl 1000 µl	1 Set	8-190-06-9
pipet4u [®] bottom assembly 8	0.5-5 ml 1-5 ml 2 ml 2.5 ml 5 ml	1 Set	8-190-07-9
pipet4u [®] bottom assembly 9	0.5-10 ml 1-10 ml 2-10 ml 10 ml	1 Set	8-190-08-9

pipet4u[®] Revolution

High Performance Electronic Pipettes

UV
resistant

CE IVD

2
YEAR
warranty

autoclavable
121° C | 250° F
1.05 bar | 15 psig (Pounds)
15 min



Comfortable and effortless pipetting

Ultra bright OLED display for extra clear visibility

Ergonomic grip

Ergonomic design for fatigue-free operation

Ergonomic pipetting dial for easy volume control and low strain pipetting (minimizes RSI³)



Compatibility of pipet4u[®] Pipettes with AHN Tips/Filter Tips, see [Tips/Filter Tips Compatibility](#)



- **Easy handling with one dial**
Control of all operating programs with the patented 1 dial system
- **6 different operating programs:**
Pipetting Mode
Dispensing Mode
Reverse Pipetting Mode
Mixing Mode
Auto Calibration Mode
Speed Control
- **Accurate and reliable pipetting**
SCS-System² controls piston movement giving highest precision and accuracy
- **Easy self-calibration**
ESM-System¹ allows user calibration of pipette, e.g. useful for high viscosity samples

¹ ESM-System - Easy Selfcalibration Management System
It is a selfcalibration system where the user can calibrate his pipette for solutions of different viscosity. The system also controls permanently all functions and indicates all errors.

² SCS-System - Speed Control System

³ RSI - Repetitive Strain Injury

pipet4u[®] Revolution

Single | Multi Channel variable Volume Electronic Pipettes

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CEN EN ISO 8655
DIN 12650
IEC 61010-1
IEC 61326-1
IEC 60073
DIN 12600
EU Directive 98/79 EG, Art. 10

Included Accessories

- Battery (Li-Ion-battery)
- Screw driver
- Screw for hand grip
- Charger (available with EU | UK | US Charger)
- Sample bag with tips
- Grease
- Calibration report
- Instruction manual

Volume Range		Test Volume	Increments	Inaccuracy*	Imprecision**	Cat. No.
0.2 - 10 µl		0.50 µl	0.01 µl	5.0 %	3.0 %	8-500-00-0
		5 µl		2.5 %	1.5 %	
		10 µl		0.9 %	0.5 %	
5 - 100 µl		5 µl	0.1 µl	2.5 %	1.5 %	8-501-00-0
		50 µl		0.9 %	0.3 %	
		100 µl		0.4 %	0.5 %	
10 - 200 µl		10 µl	0.1 µl	0.9 %	0.5 %	8-502-00-0
		100 µl		0.4 %	0.5 %	
		200 µl		0.3 %	0.1 %	
50 - 1000 µl		100 µl	1.0 µl	0.4 %	0.5 %	8-503-00-0
		500 µl		0.4 %	0.2 %	
		1000 µl		0.3 %	0.1 %	
100 - 5000 µl		500 µl	5.0 µl	0.4 %	0.5 %	8-505-00-0
		2500 µl		0.1 %	0.1 %	
		5000 µl		0.1 %	0.1 %	
0.2 - 10 µl	8 Channel	0.5 µl	0.01 µl	5.0 %	3.0 %	8-520-00-0
		5 µl		2.5 %	1.5 %	
		10 µl		0.9 %	0.5 %	
2.5 - 50 µl	8 Channel	5 µl	0.10 µl	2.5 %	1.5 %	8-521-00-0
		25 µl		0.9 %	0.3 %	
		50 µl		0.4 %	0.5 %	
15 - 300 µl	8 Channel	20 µl	0.50 µl	0.9 %	0.5 %	8-522-00-0
		150 µl		0.4 %	0.3 %	
		300 µl		0.3 %	0.1 %	
0.2 - 10 µl	12 Channel	0.5 µl	0.01 µl	5.0 %	3.0 %	8-530-00-0
		5 µl		2.5 %	1.5 %	
		10 µl		0.9 %	0.5 %	
2.5 - 50 µl	12 Channel	5 µl	0.10 µl	2.5 %	1.5 %	8-531-00-0
		25 µl		0.9 %	0.3 %	
		50 µl		0.4 %	0.5 %	
15 - 300 µl	12 Channel	20 µl	0.50 µl	0.9 %	0.5 %	8-532-00-0
		150 µl		0.4 %	0.3 %	
		300 µl		0.3 %	0.1 %	

* Systematic error

** Random error