

# 07. PIPETTES

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# pipet4u® pro

## Manual Single and Multi Channel Pipettes

UV  
resistant

autoclavable  
121°C  
15 min

CE IVD

2  
YEARS  
WARRANTY



ahn®  
Germany

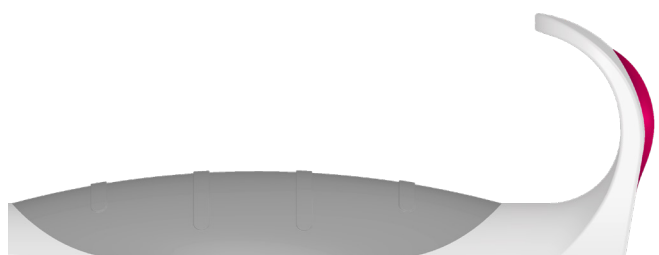


- **Comfortable and effortless pipetting** - new user-friendly handle design with soft grip for comfortable operation to prevent hand stress / light weight / low plunger force minimizes RSI (repetitive strain injury)
- **Easy identification** - use the easily attachable colour-coded drops to identify your pipette according to your requirements
- **Durability** - new tip cone demonstrates high mechanical strength and high resistance against chemicals
- **Calibration stability** - even after multiple autoclaving no recalibration is required
- **Accurate and reliable pipetting** - reverse pipetting option for accurate and precise aspirating and dispensing of viscous liquids / innovative soft grip prevents transfer of heat to internal components, ensuring accurate pipette operation / lock counter mechanism of variable volume pipettes prevents volume changes while pipetting / blow out system allows last drop dispensing
- **Sterile handling** - fully autoclavable pipette (by steam at 121°C / 15 min)
- Easy and quick maintenance and adjustment - with the included disassembly and calibration tool
- **Meets following standards:** DIN EN ISO 8655-1 | DIN EN ISO 8655-2 | DIN EN ISO 8655-6 | EU Directive 98/79/EG
- Compatibility list available on request
- **Warranty 2 years**

### Color coding



### Ergonomic shape



#### Delivery package

1 pc. Manual pipette	1 bag Sample tips
1 pc. Calibration/ disassembling tool	1 bag O-rings
1 pc. Drop tool	1 pc. Instruction manual
1 bag Color coding drop	1 pc. Warranty card
1 pc. Silicon grease	1 pc. Calibration report

### Ordering information- manual single channel pipettes, variable volume










Volume	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.1-2.5 µL	0.25 µL 1.25 µL 2.5 µL	0.01 µL	12.0 % 3.0 % 2.5 %	6.00 % 3.00 % 1.60 %	8-100-20-9
0.5-10 µL	1 µL 5 µL 10 µL	0.1 µL	2.5 % 2.0 % 1.0 %	1.50 % 1.00 % 0.80 %	8-101-20-9
2-20 µL	2 µL 10 µL 20 µL	0.1 µL	3.0 % 1.5 % 0.9 %	2.00 % 1.00 % 0.40 %	8-102-20-9
5-50 µL	5 µL 25 µL 50 µL	0.5 µL	2.0 % 0.8 % 0.6 %	2.00 % 0.40 % 0.30 %	8-103-20-9
10-100 µL	10 µL 50 µL 100 µL	0.5 µL	3.0 % 1.0 % 0.8 %	1.50 % 0.50 % 0.15 %	8-104-20-9
20-200 µL	20 µL 100 µL 200 µL	1.0 µL	2.0 % 0.7 % 0.6 %	0.80 % 0.30 % 0.15 %	8-105-20-9
50-200 µL	50 µL 100 µL 200 µL	1.0 µL	1.0 % 0.8 % 0.6 %	0.40 % 0.20 % 0.15 %	8-105-21-9
100-1000 µL	100 µL 500 µL 1000 µL	5.0 µL	2.0 % 1.0 % 0.6 %	0.70 % 0.40 % 0.20 %	8-106-20-9
200-1000 µL	200 µL 500 µL 1000 µL	5.0 µL	0.9 % 0.75 % 0.6 %	0.30 % 0.25 % 0.20 %	8-106-21-9
0.5-5 mL	0.5 mL 2.5 mL 5 mL	0.05 mL	2.0 % 0.6 % 0.5 %	0.60 % 0.30 % 0.15 %	8-107-20-9

<sup>1</sup> Systematic error | <sup>2</sup> Random error

### Ordering information - manual multi channel pipettes, variable volume

Volume	Channels	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.5-10 µL	8	0.50 µL 5 µL 10 µL	0.1 µL	4.00 % 2.50 % 1.50 %	4.00 % 2.50 % 1.50 %	8-201-20-9
5-50 µL	8	5 µL 25 µL 50 µL	0.5 µL	3.00 % 1.50 % 1.00 %	2.00 % 1.00 % 0.70 %	8-202-20-9
30-300 µL	8	30 µL 150 µL 300 µL	1.0 µL	1.50 % 1.00 % 0.80 %	0.75 % 0.50 % 0.25 %	8-203-20-9
0.5-10 µL	12	1 µL 5 µL 10 µL	0.1 µL	4.00 % 2.50 % 1.50 %	4.00 % 2.50 % 1.50 %	8-401-20-9
5-50 µL	12	5 µL 25 µL 50 µL	0.5 µL	3.00 % 1.50 % 1.00 %	2.00 % 1.00 % 0.70 %	8-402-20-9
30-300 µL	12	30 µL 150 µL 300 µL	1.0 µL	1.50 % 1.00 % 0.80 %	0.75 % 0.50 % 0.25 %	8-403-20-9

### Ordering information - spare parts for pipet4u® pro manual single channel pipettes

Set	Volume	Cat. No.
	0.1-2.5 µL	8-190-00-9
	0.5-10 µL	8-190-01-9
	2-20 µL	8-190-02-9
	5 µL 10 µL 20 µL 25 µL 50 µL 5-50 µL	8-190-03-9
	100 µL 10-100 µL	8-190-04-9
	200 µL 20-200 µL 50-200 µL	8-190-05-9
	250 µL 500 µL 1000 µL 100-1000 µL 200-1000 µL	8-190-06-9
	2000 µL 2500 µL 5000 µL 500-5000 µL	8-190-07-9
	10000 µL 2000-10000 µL	8-190-08-9

# pipet4u® Revolution

## Electronic Single Channel and Multi Channel Pipettes



- **Comfortable and effortless pipetting** - ultra bright OLED display for extra clear visibility / ergonomic design for fatigue-free operation / comfortable pipetting dial for easy volume control and low strain pipetting (minimizes RSI - repetitive strain injury)
- **Easy handling with one dial** - control of all operating programs with the patented one dial system 6 different operating programs - pipetting / dispensing / reverse pipetting / mixing / autocalibration / speed control
- **Accurate and reliable pipetting** - SCS-System (speed control system) controls piston movement giving highest precision and accuracy
- **Easy self-calibration** - ESM-System (easy self-calibration management system) allows user calibration of the pipette, the user can calibrate their pipette for solutions of different viscosity, the system also controls permanently all functions and indicates errors
- **Sterile handling** - autoclavable pipette cone (120 °C / 15 min)
- **Meets following standards:** DIN EN ISO 8655-1 | DIN EN ISO 8655-2 | DIN EN ISO 8655-6 | EU Directive 98/79/EG
- **Compatibility list available on request**
- **Warranty 2 years**

### Ordering information

Volume	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.2 -10 µL	0.50 µL 5 µL 10 µL	0.01 µL	5.0 % 2.5 % 0.9 %	3.0 % 1.5 % 0.5 %	8-500-00-0
5-100 µL	5 µL 50 µL 100 µL	0.1 µL	2.5 % 0.9 % 0.4 %	1.5 % 0.3 % 0.5 %	8-501-00-0
10-200 µL	10 µL 100 µL 200 µL	0.1 µL	0.9 % 0.4 % 0.3 %	0.5 % 0.5 % 0.1 %	8-502-00-0
50-1000 µL	100 µL 500 µL 1000 µL	1.0 µL	0.4 % 0.4 % 0.3 %	0.5 % 0.2 % 0.1 %	8-503-00-0
100-5000 µL	500 µL 2500 µL 5000 µL	5.0 µL	0.4 % 0.1 % 0.1 %	0.5 % 0.1 % 0.1 %	8-505-00-0

1 Systematic error / 2 Random error

Delivery package	
1 pc. Electronic pipette	1 pc. Li-Ion-battery
1 pc. Sample bag tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction manual
1 pc. Screw driver	1 pc. Calibration report



Ordering information - electronic multi channel pipettes

Volume	Channel	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.2 -10 µL	8	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	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	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	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	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	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 %	

1 Systematic error / 2 Random error

Delivery package	
1 pc. Electronic pipette	1 pc. Li-Ion-battery
1 pc. Sample bag tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction manual
1 pc. Screw driver	1 pc. Calibration report

# Pipette Stands

Single Channel and Multi Channel Pipettes

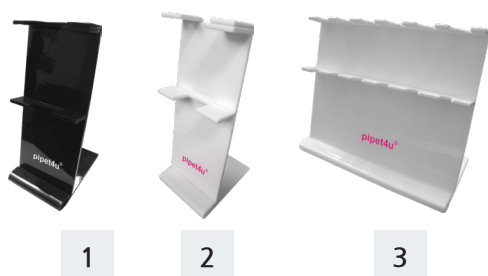


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Germany



- **Safe and effortless handling** - comfortable and reliable pipette storage / pipette stands can be easily assembled and disassembled for cleaning purposes
- **Versions** - available as 1 place/4 places and 6 places pipette stands for single channel and multi channel pipettes and as fixed place and variable place pipette stands

## Acrylic pipette stands

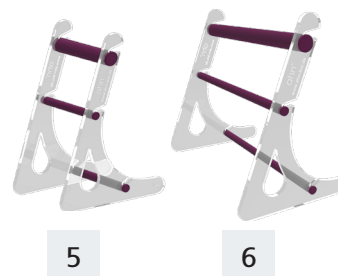


1

2

3

## Acrylic/Aluminium pipette stands



5

6

## Ordering information

Description - Acrylic pipette stands		Color	Sales Unit	Cat. No.
1 place pipette stand for manual multi channel pipettes	1	black	Carton/1 pc.	8-130-02-7
1 place pipette stand for manual multi channel pipettes	2	white	Carton/1 pc.	8-130-02-9
4 places pipette stand for manual single channel pipettes	3	white	Carton/1 pc.	8-130-00-9
Description - Acrylic/Aluminium pipette stands		Color	Sales Unit	Cat. No.
1 place pipette stand for manual single and multi channel pipettes	5	clear/magenta	Carton/1 pc.	8-132-01-8
6 places pipette stand for manual single channel pipettes	6	clear/magenta	Carton/1 pc.	8-132-00-8

# pipet4u® Oasis Pipette Controller



- **Comfortable and effortless pipetting** - light weight pipette design / smooth push buttons for precise pipetting control / ergonomic design for easy operation / cordless working (holds charge up to 8hours) / quiet high-powered motor
- **Contamination control** - replacable membrane filter to minimize risk of contamination
- **Speed setting** - adjustment of pipetting speed on sample viscosity with 3 selectable speeds
- **Sterile handling** - autoclavable pipette cone (120 °C / 15 min)
- **Warranty 2 years**

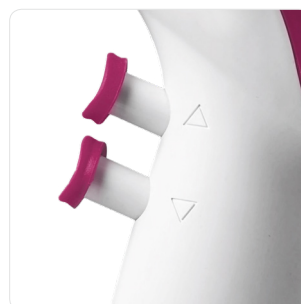
## Ordering information

Description	Sales Unit	Cat. No.
pipet4u® Oasis Pipette Controller 0,1-100 mL	Carton/1 pc.	8-300-00-9

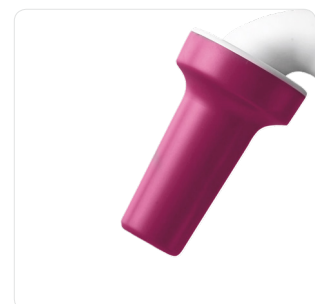
Description - spare parts	Sales Unit	Cat. No.
0.2 µm PTFE membrane filter	Carton/5 pc.	8-300-03-0
0.45 µm PTFE membrane filter	Carton/5 pc.	8-300-04-0
Silicone adapter	Carton/1 pc.	8-300-01-0
Pipette cone	Carton/1 pc.	8-300-02-8

Delivery package
1 pc. Pipette controller
2 pcs. PTFE Membranfilters (0.2 µm/0.45 µm)
1 pc. Charger (EU)
2 pcs. NiMH batteries
1 pc. Wall mount bracket
1 pc. Desktop stand
1 pc. Instruction manual
1 pc. Warranty card

Ergonomic push buttons



Autoclavable tip cone



# Bottle Top Dispenser



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- **Unique piston mechanism** - cleaning of piston and cylinder without affecting the calibration
- **Dual graduation marks** - readability of the volume from both sides
- **Springless valve design** - leads to smooth functioning and high chemical resistance
- **Eco-friendly** - while discharging the tubes in the re-circulation mode, in fast priming, the reagent is being redirected back into the bottle, eliminating any waste of precious reagents, ensuring safety and savings
- **Easy handling** - discharge tube with 360° rotation, makes the bottle label visible all the time / telescoping filling tube compatible with different sizes of reagent bottles / ergonomic grip
- **Easy to calibrate** - complies with ISO 8655-5 standard
- **Warranty 2 years**

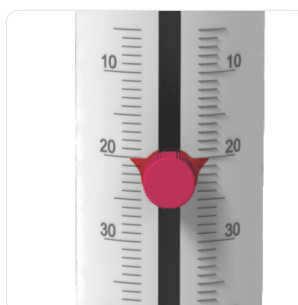
## Ordering information

Description - spare parts	Sales Unit	Cat. No.
AHN myDpette Bottle Top Dispenser 0.25-2.5 mL	Carton/1 pc.	8-700-00-0
AHN myDpette Bottle Top Dispenser 0.5-5.0 mL	Carton/1 pc.	8-701-00-0
AHN myDpette Bottle Top Dispenser 1.0-10.0 mL	Carton/1 pc.	8-702-00-0
AHN myDpette Bottle Top Dispenser 2.5-25.0 mL	Carton/1 pc.	8-703-00-0
AHN myDpette Bottle Top Dispenser 5.0-25.0 mL	Carton/1 pc.	8-704-00-0

### Delivery package

- 1pc. Bottle top dispenser
- 4 pcs. Adapters (28, 38, 40 and 45 mm screw cap)
- 1pc. Telescopic filling tube
- 1pc. Re-circulation tube
- 1pc. Spanner

### Ergonomic push buttons



### Autoclavable tip cone

