

ahn®

biotechnologie GmbH



# PIPETTING CATALOGUE





For over eighteen years AHN Biotechnologie GmbH has been an OEM manufacturer of consumables for many top life science brands and distribution companies in Germany and worldwide. Located in Nordhausen, Germany, our state of the art production facility meets and exceeds the strict requirements of the most well-known brands we are supplying for.

Now, it is time for AHN Biotechnologie GmbH to introduce its own brand and provide value directly to scientists worldwide. Besides our current products we are strengthening our brand by introducing a comprehensive range of consumables, liquid handling instruments and laboratory equipment. Our unique combination of flexibility, innovation and high level manufacturing automation will ensure laboratory products fulfilling the needs of worldwide customers and complying with the quality they desire.

Our know-how within pipette tips production has now been strengthened by the implementation of newly developed Swiss molds, leading to the launch of new tips lines, matching the strict standards of modern lab industry. Our goal is to offer the markets best value for money on pipette tips and other AHN products.

To obtain the most optimal performance of our consumables, we have been continuously working on the improvement of our instruments. The new pipet4u<sup>®</sup> pro pipettes, with improved accuracy and greater user-friendliness along with the brand new AHN myDpette bottle top dispensers, convince by simplicity of use combined with the highest quality of workmanship. With our pipet4u<sup>®</sup> Revolution we offer an affordable range of electronic pipettes. Profit from the benefits of electronic dispensing, such as improved precision and multi dispensing function.

The AHN myLab<sup>®</sup> products are being brought to market with one thing in mind: YOU. A wide range of centrifuges, stirrers and shakers are available in a variety of sizes, multiple accessories and more features than most of the competitors.

We invite you to explore the new AHN and discover a better way to source your laboratory equipment and consumables.





## PIPETTING

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# ahn pipet4U pro

## Manual Single and Multi Channel Pipettes

4

**Comfortable and effortless pipetting** - new user-friendly handle design with soft grip for comfortable operation to prevent hand stress / light weight / low plunger force minimises 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



### Colour 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 Colour Coding Drop	1 pc. Warranty Card
1 pc. Silicon Grease	1 pc. Calibration Report

# Ordering information

## Manual single channel pipettes, fixed volume

Volume	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
5 µL	5 µL	-	1.30%	1.20%	8-001-20-9
10 µL	10 µL	-	0.80%	0.80%	8-002-20-9
20 µL	20 µL	-	0.60%	0.50%	8-003-20-9
25 µL	25 µL	-	0.50%	0.30%	8-004-20-9
50 µL	50 µL	-	0.50%	0.30%	8-007-20-9
100 µL	100 µL	-	0.50%	0.30%	8-008-20-9
200 µL	200 µL	-	0.40%	0.20%	8-009-20-9
250 µL	250 µL	-	0.40%	0.20%	8-010-20-9
500 µL	500 µL	-	0.30%	0.20%	8-011-20-9
1000 µL	1000 µL	-	0.30%	0.20%	8-012-20-9
2 mL	2 mL	-	0.30%	0.15%	8-013-20-9
2.5 mL	2.5 mL	-	0.30%	0.15%	8-014-20-9
5 mL	5 mL	-	0.30%	0.15%	8-015-20-9
10 mL <sup>3</sup>	10 mL	-	0.60%	0.20%	8-016-20-9

## 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		12.00 %	6.00 %	8-100-20-9
	1.25 µL	0.01 µL	3.00 %	3.00 %	
	2.5 µL		2.50 %	1.60 %	
0.5-10 µL	1 µL		2.50%	1.50%	8-101-20-9
	5 µL	0.10 µL	2.00%	1.00%	
	10 µL		1.00%	0.80%	
2-20µL	2 µL		3.00%	2.00%	8-102-20-9
	10 µL	0.10 µL	1.50%	1.00%	
	20 µL		0.90%	0.40%	
5-50 µL	5 µL		2.00%	2.00%	8-103-20-9
	25 µL	0.50 µL	0.80%	0.40%	
	50 µL		0.60%	0.30%	
10-100 µL	10 µL		3.00%	1.50%	8-104-20-9
	50 µL	0.50 µL	1.00%	0.50%	
	100 µL		0.80%	0.15%	
20-200 µL	20 µL		2.00%	0.80%	8-105-20-9
	100 µL	1.00 µL	0.70%	0.30%	
	200 µL		0.60%	0.15%	
50-200 µL	50 µL		1.00%	0.40%	8-105-21-9
	100 µL	1.00 µL	0.80%	0.20%	
	200 µL		0.60%	0.15%	
100-1000 µL	100 µL		2.00%	0.70%	8-106-20-9
	500 µL	5.00 µL	1.00%	0.40%	
	1000 µL		0.60%	0.20%	
200-1000 µL	200 µL		0.90%	0.30%	8-106-21-9
	500 µL	5.00 µL	0.75%	0.25%	
	1000 µL		0.60%	0.20%	
0.5-5 mL	0.5 mL		2.00%	0.60%	8-107-20-9
	2.5 mL	0.05 mL	0.60%	0.30%	
	5 mL		0.50%	0.15%	
2-10 mL <sup>3</sup>	2 mL		3.00%	0.60%	8-108-20-9
	5 mL	0.10 mL	1.20%	0.30%	
	10 mL		0.60%	0.20%	

<sup>1</sup> Systematic error

<sup>2</sup> Random error

<sup>3</sup> Tip ejector function not available

## AHN pipet4u pro Pipette Starter Kits

Description	Content	Cat. No.
Pipette Starter Kit	4 pipettes (0.5-10 µL/10-100 µL/100-1000 µL/2-10 mL), a 6-place Pipette Stand, 3 racks of Pipette Tips and 1 bag of Pipette Tips	8-SK1-99-9
Pipette Starter Kit	4 pipettes (0.1-2.5 µL/2-20 µL/20-200 µL/ 100-1000 µL), a 6-place Pipette Stand, 4 racks of Pipette Tips	8-SK2-99-9



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# Ordering information

## Manual multi channel pipettes, variable volume

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Volume	Channels	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.5-10 µL	8	0.5 µL	0.10 µL	4.00%	4.00%	8-201-20-9
		5 µL		2.50%	2.50%	
		10 µL		1.50%	1.50%	
5-50 µL	8	5 µL	0.50 µL	3.00%	2.00%	8-202-20-9
		25 µL		1.50%	1.00%	
		50 µL		1.00%	0.70%	
30-300 µL	8	30 µL	1.00 µL	1.50%	0.75%	8-203-20-9
		150 µL		1.00%	0.50%	
		300 µL		0.80%	0.25%	
0.5-10 µL	12	1 µL	0.10 µL	4.00%	4.00%	8-401-20-9
		5 µL		2.50%	2.50%	
		10 µL		1.50%	1.50%	
5-50 µL	12	5 µL	0.50 µL	3.00%	2.00%	8-402-20-9
		25 µL		1.50%	1.00%	
		50 µL		1.00%	0.70%	
30-300 µL	12	30 µL	1.00 µL	1.50%	0.75%	8-403-20-9
		150 µL		1.00%	0.50%	
		300 µL		0.80%	0.25%	

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

## 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
	2 mL 2.5 mL 5 mL 0.5-5 mL	8-190-07-9
	10 mL 2-10 mL	8-190-08-9

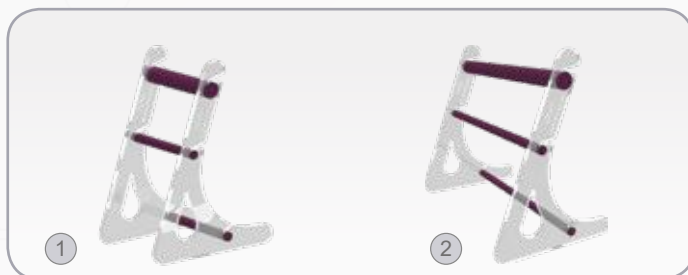
# ahn Pipette Stands

## Single and Multi Channel Pipettes

**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/Aluminium pipette stands



Acrylic pipette stands



## Ordering information

Description - Acrylic/Aluminium pipette stands		Colour	Sales Unit	Cat. No.
1 place pipette stand for manual single and multi channel pipettes variable place	①	clear/magenta	Carton/1 pc.	8-132-01-8
6 places pipette stand for manual single channel pipettes variable place	②	clear/magenta	Carton/1 pc.	8-132-00-8

Description - Acrylic pipette stands		Colour	Sales Unit	Cat. No.
1 place pipette stand for manual multi channel pipettes fixed place	③	black	Carton/1 pc.	8-130-02-7
1 place pipette stand for manual multi channel pipettes fixed place	④	white	Carton/1 pc.	8-130-02-9
4 places pipette stand for manual single channel pipettes fixed place	⑤	white	Carton/1 pc.	8-130-00-9
6 places pipette stand for manual single channel pipettes fixed place	⑥	white	Carton/1 pc.	8-131-00-9



# ahn pipet4U Revolution

## Electronic Single and Multi Channel Pipettes

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**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 (minimises 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

## Ordering information

### Electronic single channel pipettes

Volume	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.2-10 µL	0.5 µL	0.01 µL	5.00%	3.00%	8-500-00-0
	5 µL		2.50%	1.50%	
	10 µL		0.90%	0.50%	
5-100 µL	5 µL	0.10 µL	2.50%	1.50%	8-501-00-0
	50 µL		0.90%	0.30%	
	100 µL		0.40%	0.50%	
10-200 µL	10 µL	0.10 µL	0.90%	0.50%	8-502-00-0
	100 µL		0.40%	0.50%	
	200 µL		0.30%	0.10%	
50-1000 µL	100 µL	1.00 µL	0.40%	0.50%	8-503-00-0
	500 µL		0.40%	0.20%	
	1000 µL		0.30%	0.10%	
100-5000 µL	500 µL	5.00 µL	0.40%	0.50%	8-505-00-0
	2500 µL		0.10%	0.10%	
	5000 µL		0.10%	0.10%	

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

#### Delivery Package

1 pc. Electronic pipette	1 pc. Li-Ion-battery
1 pc. Sample bag with tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction Manual
1 bag Screwdriver	1 pc. Calibration Report



UV  
RESISTANT

CE IVD

2  
YEARS  
WARRANTY

autoclavable  
120°C  
15 min



## Ordering information

Electronic multi channel pipettes

Volume	Channels	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.2-10 µL	8	0.5 µL	0.01 µL	5.00%	3.00%	8-520-00-0
		5 µL		2.50%	1.50%	
		10 µL		0.90%	0.50%	
2.5-50 µL	8	5 µL	0.10 µL	2.50%	1.50%	8-521-00-0
		25 µL		0.90%	0.30%	
		50 µL		0.40%	0.50%	
15-300 µL	8	20 µL	0.50 µL	0.90%	0.5%	8-522-00-0
		150 µL		0.40%	0.30%	
		300 µL		0.30%	0.10%	
0.2-10 µL	12	0.5 µL	0.01 µL	5.00%	3.00%	8-530-00-0
		5 µL		2.50%	1.50%	
		10 µL		0.90%	0.50%	
2.5-50 µL	12	5 µL	0.10 µL	2.50%	1.50%	8-531-00-0
		25 µL		0.90%	0.30%	
		50 µL		0.40%	0.50%	
15-300 µL	12	20 µL	0.50 µL	0.90%	0.50%	8-532-00-0
		150 µL		0.40%	0.30%	
		300 µL		0.30%	0.10%	

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

Delivery Package	
1 pc. Electronic pipette	1 pc. Li-Ion-battery
1 pc. Sample bag with tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction Manual
1 bag Screwdriver	1 pc. Calibration Report



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# ahn pipet4u Oasis

## Pipette Controller

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**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 8 hours) / quiet high-powered motor

**Contamination control** - replaceable membrane filter to minimise 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)



<b>UV</b> RESISTANT	<b>CE IVD</b>	<b>2</b> YEARS WARRANTY	autoclavable 120°C 15 min
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## Ordering information

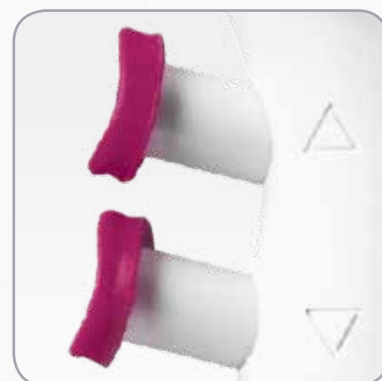
Description	Sales Unit	Cat. No.
pipet4u® Oasis Pipette Controller 0.1-100 mL	Carton/1 pc.	8-300-00-9

Description - Spare Parts	Sales Unit	Cat. No.
0.20 µm PTFE membrane filter	Bag/5 pcs.	8-300-03-0
0.45 µm PTFE membrane filter	Bag/5 pcs.	8-300-04-0
Silicone adapter	Bag/1 pc.	8-300-01-0
Pipette cone	Bag/1 pc.	8-300-02-8

Delivery Package
1 pc. Pipette Controller
2 pcs. PTFE Membrane filters (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



Autoclavable tip cone



Ergonomic push buttons

# ahn myDpette

## Bottle Top Dispenser

**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



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## Ordering information

Description	Sales Unit	Cat. No.
AHN myDpette Bottle Top Dispenser <b>0.25-2.5 mL</b>	Carton/1 pc.	8-700-00-0
AHN myDpette Bottle Top Dispenser <b>0.5-5.0 mL</b>	Carton/1 pc.	8-701-00-0
AHN myDpette Bottle Top Dispenser <b>1.0-10.0 mL</b>	Carton/1 pc.	8-702-00-0
AHN myDpette Bottle Top Dispenser <b>2.5-25.0 mL</b>	Carton/1 pc.	8-703-00-0
AHN myDpette Bottle Top Dispenser <b>5.0-50.0 mL</b>	Carton/1 pc.	8-704-00-0

**2**  
YEARS  
WARRANTY

autoclavable  
120°C  
20 min

Delivery Package
1 pc. Bottle top dispenser
4 pcs. Adapters (28, 38, 40 and 45 mm screw cap)
1 pc. Telescopic filling tube
1 pc. Re-circulation tube
1 pc. Calibration tool
1 pc. User manual
1 pc. Certificate of conformity
1 pc. Calibration report
1 pc. Warranty card



Double scale



Recirculation valve



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