

# CATALOGUE





ahn®

biotechnologie GmbH

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 market's 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® 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® 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 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.

# List of Contents



## CONSUMABLES

Standard Tips   Macro Tips	4-5
Standard Filter Tips	6-7
Low Retention Tips   Filter Tips	8-9
Rack Box System	10
Compatibility Chart	11
PCR Tubes	12
PCR Strips	13
PCR Plates	14
Micro Tubes	15
Centrifuge Tubes	16
Serological Pipettes	17
Cryo Tubes	18
Cryoboxes	19



## FILTRATION

Spin Column System	20-21
Microfilterplate System	20-21
Vacuum Manifold	20-21



## PIPETTING

Manual Pipettes	22-24
Pipette Stands	25
Electronic Pipettes	26-27
Pipette Controller	28
Bottle Top Dispenser	29



## BENCHTOP EQUIPMENT

Microcentrifuges	30-31
Clinical Centrifuge	32
Hematocrit Centrifuge	33
Vortex Mixer	34-36
Tube Roller   Rotators	37-39
Stirrer	40-41

# AHN myTip

## Standard Tips | Macro Tips



4

metal  
free

CE IVD

autoclavable  
121°C  
20 min

### AHN myTip Standard Tips

Universal fit and tip ejection - improved cone geometry securing an optimal fit

Quick and easy volume check - graduation marks on tip at standard volumes

Precise pipetting without loss of sample - conical tip opening prevents drop formation at the end of the tip

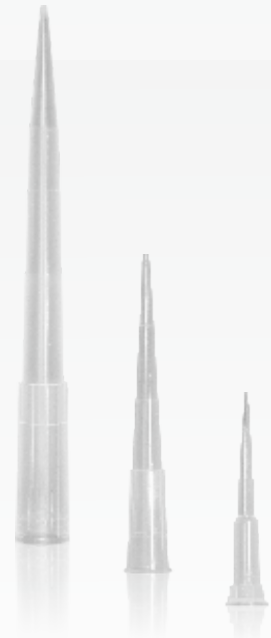
High quality material - tips made of autoclavable, non-wettable, virgin polypropylene

Maintain sample integrity - sterile version available (beta irradiation)

Sterile handling - tips are autoclavable (121 °C / 20 min)

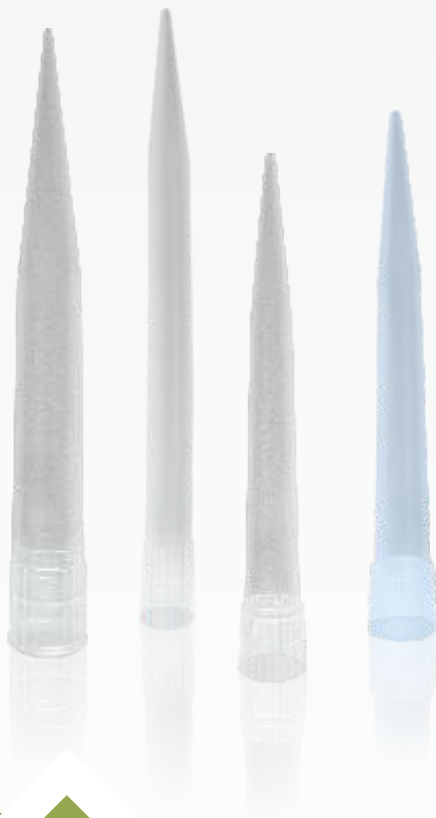
Versions - available in bags and rack boxes

Compatibility list available on request



metal  
free

autoclavable  
121°C  
20 min



### AHN myTip MaT Macro Tips

Optimized cone geometry - ensuring perfect fit on the defined pipette

Precision without loss of sample - conical tip opening to avoid drop formation

Elimination of sample contamination - tips made of autoclavable, non-wettable, virgin polypropylene material

Maintain sample integrity - sterile version available (beta irradiation)

Autoclavable - 121 °C / 20 min

Versions - available in bags

Compatibility list available on request



+49(0)3631/46594-04

















+49(0)3631/46594-10



info@ahn-bio.de

## Ordering information

Volume	Length	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
 <b>0.1-10 µL, AHN myTip</b>	34.1 mm	clear	■	bag	20x1000	<b>1-000-81-0</b>
		clear		rack	5x10x96	<b>1-000-C5-0</b>
		clear		rack	5x10x96	<b>1-001-C5-0</b>
 <b>0.1-10/20 µL XL, AHN myTip</b>	45.6 mm	clear	■	bag	20x1000	<b>1-060-81-0</b>
		clear		rack	5x10x96	<b>1-060-C5-0</b>
		clear		rack	5x10x96	<b>1-061-C5-0</b>
 <b>0.5-10/20 µL, AHN myTip</b>	45.7 mm	clear	■	bag	20x1000	<b>1-050-81-0</b>
		clear		rack	5x10x96	<b>1-050-C5-0</b>
		clear		rack	5x10x96	<b>1-051-C5-0</b>
 <b>1-200 µL, AHN myTip</b>	50.8 mm	clear	■	bag	2x1000	<b>1-110-60-0</b>
		clear		bag	35x1000	<b>1-110-81-0</b>
		clear		rack	5x10x96	<b>1-110-C5-0</b>
		clear		rack	5x10x96	<b>1-111-C5-0</b>
 <b>1-200 µL, AHN myTip</b>	50.8 mm	yellow		bag	2x1000	<b>1-110-60-1</b>
		yellow		bag	35x1000	<b>1-110-81-1</b>
		yellow		rack	5x10x96	<b>1-110-C5-1</b>
 <b>1-200 µL, Gelloader, AHN myTip</b>	68.5 mm	clear	■	bag	5x1000	<b>1-130-70-0</b>
		clear		rack	5x10x96	<b>1-130-C5-0</b>
		clear		rack	5x10x96	<b>1-131-C5-0</b>
 <b>5-300 µL, AHN myTip</b>	55.0 mm	clear	■	bag	20x1000	<b>1-103-81-0</b>
		clear		rack	5x10x96	<b>1-103-C5-0</b>
		clear		rack	5x10x96	<b>1-104-C5-0</b>
 <b>100-1000 µL, short, AHN myTip</b>	70.1 mm	clear blue	■	bag	10x1000	<b>1-209-80-2</b>
		clear blue		rack	5x10x60	<b>1-209-C5-2</b>
		clear blue		rack	5x10x60	<b>1-207-C5-2</b>
 <b>100-1000 µL, long, AHN myTip</b>	86.0 mm	clear	■	bag	20x500	<b>1-200-80-0</b>
		clear		rack	5x10x96	<b>1-200-C5-0</b>
		clear		rack	5x10x96	<b>1-201-C5-0</b>
 <b>100-1000 µL, long, AHN myTip</b>	86.0 mm	blue		bag	20x500	<b>1-200-80-2</b>
		blue		bag	5x10x96	<b>1-200-C5-2</b>
 <b>1-5 mL, AHN myTip MaT</b>	126.0 mm	clear blue	■	bag	8x250	<b>1-211-84-0</b>
		clear blue		bag	8x250	<b>1-215-84-0</b>
 <b>1-5 mL, AHN myTip MaT</b>	126.0 mm	clear	■	bag	8x250	<b>1-210-84-0</b>
		clear		bag	8x250	<b>1-214-84-0</b>
 <b>1-5.5 mL, AHN myTip MaT</b>	147.5 mm	clear	■	bag	8x250	<b>1-212-84-0</b>
		clear		bag	8x250	<b>1-216-84-0</b>
 <b>1-10 mL, AHN myTip MaT</b>	150.0 mm	clear	■	bag	10x100	<b>1-213-50-0</b>
		clear		bag	10x100	<b>1-217-50-0</b>

# AHN myTip FT

## Standard Filter Tips



6

metal  
free

CE IVD

autoclavable  
121°C  
20 min

No sample contamination - filters are made of virgin high quality hydrophobic polyethylene without additives

No pipette contamination - filters block aerosols and liquids (vaporous, radioactive, biohazardous or corrosive samples) through micropore filter technology (MPS technology, filter pore size 5-40 µm)

Universal fit and tip ejection - optimized cone geometry for a secure fit

Quick and easy volume check - graduation marks on tip at standard volumes

Precise pipetting without loss of sample - conical tip opening prevents drop formation at the end of the tip

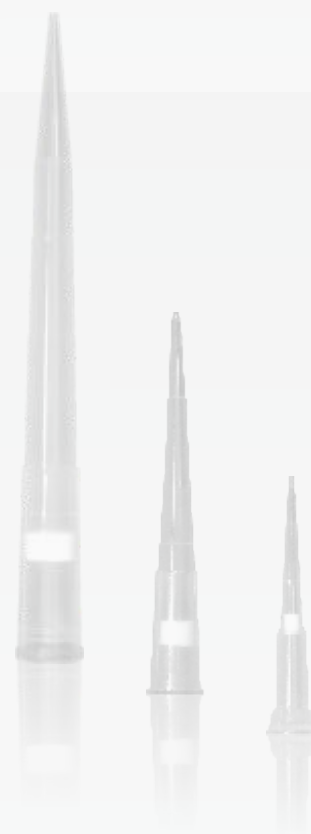
Elimination of sample contamination - tips made of autoclavable, non-wettable, virgin polypropylene

Maintain sample integrity - sterile version available (beta irradiation)

Sterile handling - filter tips are autoclavable (121 °C / 20 min)

Versions - available in bags and rack boxes











Compatibility list available on request



Filter	Average pore size	Material	Characteristic	Used in following filter tip
	18-40 µm	PE	hydrophob	0.1-10 µL   0.1-10 µL XL   0.5-10/20 µL
	18-40 µm	PE	hydrophob	1-20/30 µL   1-30 µL Gelloader
	5-20 µm	PE	hydrophob	1-50 µL
	5-20 µm	PE	hydrophob	1-100 µL   1-100 µL Gelloader
	5-20 µm	PE	hydrophob	1-200 µL, 5-300 µL
	5-20 µm	PE	hydrophob	100-1000 µL, short
	18-40 µm	PE	hydrophob	100-1000 µL, long



## Ordering information

Volume	Length	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
 <b>0.1-10 µL, AHN myTip FT</b>	34.1 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-001-70-0</b> <b>2-001-C5-0</b>
 <b>0.1-10/20 µL XL, AHN myTip FT</b>	45.6 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-061-70-0</b> <b>2-061-C5-0</b>
 <b>0.5-10/20 µL, AHN myTip FT</b>	45.7 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-051-70-0</b> <b>2-051-C5-0</b>
 <b>1-20/30 µL, AHN myTip FT</b>	50.8 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-116-70-0</b> <b>2-116-C5-0</b>
 <b>1-50 µL, AHN myTip FT</b>	50.8 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-111-70-0</b> <b>2-111-C5-0</b>
 <b>1-100 µL, AHN myTip FT</b>	50.8 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-112-70-0</b> <b>2-112-C5-0</b>
 <b>1-200 µL, AHN myTip FT</b>	50.8 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-113-70-0</b> <b>2-113-C5-0</b>
 <b>5-300 µL, AHN myTip FT</b>	55.0 mm	clear clear	■ ■	bag rack	5x1000 5x10x96	<b>2-115-70-0</b> <b>2-115-C5-0</b>
 <b>100-1000 µL, short, AHN myTip FT</b>	70.1 mm	clear blue clear blue	■ ■	bag rack	5x1000 5x10x60	<b>2-209-70-2</b> <b>2-209-C5-2</b>
 <b>100-1000 µL, long, AHN myTip FT</b>	86.0 mm	clear clear	■ ■	bag rack	10x500 5x10x96	<b>2-201-70-0</b> <b>2-201-C5-0</b>

# AHN myTip LT | LFT

## Low Retention Tips | Filter Tips



8

metal  
free

CE IVD

autoclavable  
121°C  
20 min

Low retention - the innovative low retention surface ensures maximum sample recovery and high-precision pipetting

Universal fit and tip ejection - optimized cone geometry for a secure fit

Quick and easy volume check - graduation marks on tip at standard volumes

Precise pipetting without loss of sample - conical tip opening prevents drop formation at the end of the tip

Elimination of sample contamination - tips made of autoclavable, non-wettable, virgin polypropylene

Maintain sample integrity - sterile version available (beta irradiation)

No sample contamination - filters are made of virgin high quality hydrophobic polyethylene without additives

No pipette contamination - filters block aerosols and liquids (vaporious, radioactive, biohazardous or corrosive samples) through micropore filter technology (MPS technology, filter pore size 5-40 µm)

Sterile handling - tips are autoclavable (121 °C / 20 min)

Versions - available in bags and rack boxes

Compatibility list available on request



Standard Tip













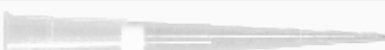
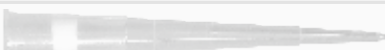

Low Retention  
AHN myTip





## Ordering information

Volume	Length	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
 <b>0.1-10 µL, AHN myTip LT</b>	34.1 mm	clear clear		bag rack	20x1000 5x10x96	<b>4-000-81-0</b> <b>4-000-C5-0</b>
 <b>0.1-10/20 µL XL, AHN myTip LT</b>	45.6 mm	clear clear		bag rack	20x1000 5x10x96	<b>4-060-81-0</b> <b>4-060-C5-0</b>
 <b>0.5-10/20 µL, AHN myTip LT</b>	45.7 mm	clear clear		bag rack	20x1000 5x10x96	<b>4-050-81-0</b> <b>4-050-C5-0</b>
 <b>1-200 µL, AHN myTip LT</b>	50.8 mm	clear clear		bag rack	35x1000 5x10x96	<b>4-110-81-0</b> <b>4-110-C5-0</b>
 <b>100-1000 µL, long, AHN myTip LT</b>	86.0 mm	clear clear		bag rack	20x500 5x10x96	<b>4-200-80-0</b> <b>4-200-C5-0</b>

Volume	Length	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
 <b>0.1-10 µL, AHN myTip LFT</b>	34.1 mm	clear	■	rack	5x10x96	<b>5-001-C5-0</b>
 <b>0.1-10/20 µL XL, AHN myTip LFT</b>	45.6 mm	clear	■	rack	5x10x96	<b>5-061-C5-0</b>
 <b>0.5-10/20 µL, AHN myTip LFT</b>	45.7 mm	clear	■	rack	5x10x96	<b>5-051-C5-0</b>
 <b>1-20/30 µL, AHN myTip LFT</b>	50.8 mm	clear	■	rack	5x10x96	<b>5-116-C5-0</b>
 <b>1-50 µL, AHN myTip LFT</b>	50.8 mm	clear	■	rack	5x10x96	<b>5-111-C5-0</b>
 <b>1-100 µL, AHN myTip LFT</b>	50.8 mm	clear	■	rack	5x10x96	<b>5-112-C5-0</b>
 <b>1-200 µL, AHN myTip LFT</b>	50.8 mm	clear	■	rack	5x10x96	<b>5-113-C5-0</b>
 <b>100-1000 µL, long, AHN myTip LFT</b>	86.0 mm	clear	■	rack	5x10x96	<b>5-201-C5-0</b>

# AHN myTip RB

## Rack Box System without Tips



10

Effortless and secure handling - easy one hand opening and closing of rack box / secure rack box closing / rack boxes can be stacked for easy storage

Universal fit - racks are compatible with multi channel pipettes (standard 9 mm SBS footprint)

Sterile handling - racks and rack boxes are autoclavable (121 °C / 20 min)

Rack boxes available in small and large size / racks in 8x12 format and 6x10 format








metal  
free

CE IVD

autoclavable  
121°C  
20 min

### Ordering information

Volume		Format	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
10/20 µL		8x12	clear		carton	5x10	4-500-C5-0
200 µL		8x12	clear		carton	5x10	4-501-C5-0
200/300 µL		8x12	clear		carton	5x10	4-502-C5-0
1000 µL, long		8x12	clear		carton	5x10	4-503-C5-0
1000 µL, short		6x10	clear		carton	5x10	4-504-C5-0



## Compatibility Chart

	Sartorius	Brand	CAPP	Eppendorf	Gilson
	Picus	Proline®  Proline® Plus  mLINE	Transferpette®	CappAero/Cappbiavo/CappMaestro	Research® plus
Tip   Filter Tip	1-ch 8-ch 12-ch	1-ch 8-ch 12-ch	1-ch 8-ch 12-ch	1-ch 8-ch 12-ch	1-ch 8-ch 12-ch
Top-Line Tips					
0.1-10 µL		X			
0.1-10/20 µL XL					
0.5-10/20 µL					
1-200 µL					
1-200 µL, Gelloader					
5-300 µL					
100-1000 µL, short					
100-1000 µL, long					
Premium-Line Tips					
0.1-10 µL					
0.1-10/20 µL XL					
0.5-10/20 µL					
1-200 µL					
100-1000 µL, long					
Macro-Line Tips					
1-5 mL, clear blue					
1-5 mL, clear					
1-5.5 mL					
1-10 mL					
Top-Line Filter Tips					
0.1-10 µL					
0.1-10 µL XL					
0.5-10/20 µL					
1-20/30 µL					
1-50 µL					
1-100 µL					
1-200 µL					
1-30 µL, Gelloader					
1-100 µL, Gelloader					
5-300 µL					
100-1000 µL, short					
100-1000 µL, long					
Premium-Line Filter Tips					
0.1-10 µL					
0.1-10 µL XL					
0.5-10/20 µL					
1-20/30 µL					
1-50 µL					
1-100 µL					
1-200 µL					
100-1000 µL, long					

# AHN myTube PCR

PCR Tubes 0.1 mL | 0.2 mL



12

Elimination of contamination and loss of sample - high quality raw material meets standards of purity and is highly resistant to extreme mechanical strain and has excellent chemical resistance

Improved sample recovery - the V-shape bottom guarantees easier sample recovery

Reduced cycle time and optimal heat transfer - guaranteed by extra thin, uniform wall thickness of the tube

Low-binding - reducing the adhesion of proteins to the very minimum

Optical measurement - high transparency of PCR tubes allows the use for applications where the optical qPCR signal comes from the bottom of the tubes

Centrifuge specifications:

up to 18.000 x g - fixed-angle rotor

up to 500 x g - swing out rotor

Effortless and secure working - ergonomic flat cap design allows opening and closing with one hand

Sterile handling - each lot is manufactured under strict sterile conditions

Versions - available in two sizes 0.1 mL and 0.2 mL



V-shape bottom



flat cap design



metal  
free

autoclavable  
121°C  
15 min

## Ordering information

Volume		Height	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
0.1 mL		16.6 mm	clear		bag	20x1000	3-000-80-0
0.2 mL		21.5 mm	clear		bag	10x1000	3-010-80-0
		21.5 mm	clear	■	bag	10x1000	3-011-80-0



+49(0)3631/46594-04



+49(0)3631/46594-10



info@ahn-bio.de

# AHN myTube PCR

PCR Strips 8 x 0.1 mL | 8 x 0.2 mL



13

Optical measurement - high transparency of PCR strips allows the use for applications where the optical qPCR signal comes from the bottom of the tubes

Reduced cycle time and optimal heat transfer - guaranteed by extra thin, uniform wall thickness of tube

Low-binding - reducing the adhesion of proteins to the very minimum

Sterile handling - each lot is manufactured under strict sterile conditions

Versions - available as 0.1 and 0.2 mL PCR strip tubes, without caps or with attached caps / both 0.1 and 0.2 mL PCR strip tubes, without caps can be covered by the strip of 8 caps (cat. no. 3-035-01-0)






Compatibility - the 0.1 mL strips are especially recommended for fast thermocyclers requiring low profile tubes and the 0.2 mL strips for the standard thermocyclers requiring regular profile tubes / compatibility chart available on request



metal  
free

autoclavable  
121°C  
15 min

## Ordering information

Volume	Height	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
8 x 0.1 mL 	16.6 mm	clear		bag	15x120	3-036-00-0
8 x 0.1 mL 	16.6 mm	clear		bag	8x120	3-036-02-0
8 x 0.2 mL 	21.8 mm	clear		bag	20x120	3-035-00-0
8 x 0.2 mL 	21.8 mm	clear		bag	8x120	3-035-02-0
Strip of 8 caps 		clear		bag	30x120	3-035-01-0

# AHN myPlate PCR

PCR Plates 96 x 0.1 mL | 96 x 0.2 mL



14

Non-skirted - for optimal fit in various thermocyclers / can be easily cut into 16, 24, 32 or 48-well pieces

Optical measurement - high transparency of PCR plates allows the use for applications where the optical qPCR signal comes from the bottom of the plate

Improved sample recovery - the V-shape bottom guarantees easier sample recovery

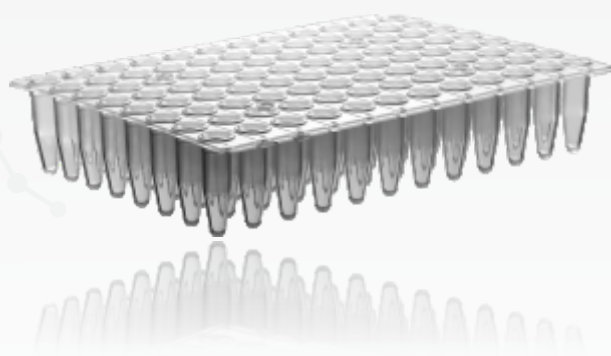
Low-binding - reducing the adhesion of proteins to the very minimum

Sterile handling - each lot is manufactured under strict sterile conditions

Sealable - using optical disposable adhesive for secure closure of PCR plate

Versions - available as low profile PCR plates with 0.1 mL wells and as regular profile plates with 0.2 mL well capacity




Compatibility chart available on request



metal  
free

autoclavable  
121°C  
15 min

## Ordering information

Volume	Height	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
96 x 0.1 mL 	16.6 mm	clear		bag	8x25	3-046-00-0
96 x 0.2 mL 	21.8 mm	clear		bag	8x25	3-045-00-0
Optical disposable adhesive 				bag	1x100	3-047-00-0



# AHN myTube MCT

Micro Tubes 0.5 mL | 1.5 mL | 2.0 mL



15

Effortless and secure handling - ergonomic cap design with hinge orientation nibs (1.5 mL/2.0 mL) and safe click lock allows an easy and secure opening and closing of the tube / bottom and cap have no sharp points, gloves will not be damaged / cap of the tube is puncturable

Quick and simple volume check - tubes are equipped with precise graduation marks / 1.5 mL tube with 0.2 mL extra space and 0.5 mL tube with 0.1 mL extra space for freezing/boiling purpose

Easy sample identification - frosted marking area for easy labeling

Optical measurement and unsurpassed clarity

Elimination of contamination and loss of sample - high quality raw material meets standards of purity and is highly resistant to mechanical strain and has an excellent chemical resistance

Centrifuge specifications:

up to 20.000 x g - 0.5 mL tube

up to 25.000 x g - 1.5 mL/2.0 mL tube

Maintain sample integrity - sterile version available

Sterile handling - micro tubes are autoclavable (opened 121°C/ 15 min)



metal  
free

CE IVD

autoclavable  
121°C  
15 min

## Ordering information

Volume	Height	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
0.5 mL	31.6 mm	clear	■	bag	5x1000	3-116-C5-0
	40.9 mm	clear		bag	16x500	3-205-80-0
1.5 mL	40.9 mm	clear	■	bag	5x1000	3-207-C5-0
	40.9 mm	black*		bag	16x500	3-205-80-7
2.0 mL	41.7 mm	clear		bag	16x500	3-204-80-0
	41.7 mm	clear	■	bag	5x1000	3-208-C5-0

\*Protection of light sensitive samples



# AHN myTube CT

Centrifuge Tubes 15 mL | 50 mL



Elimination of contamination of sample - high quality raw material meets standards of purity

Centrifuge Tube with screw flat cap

Easy sample identification - large writing area on tube

Quick and simple volume check - precise graduation marks

No loss of sample - tube resists high centrifugal force and temperature variations (-80 °C to +121 °C)

Centrifuge specifications:

up to 17.000 x g - 15 mL centrifuge tube

up to 20.000 x g - 50 mL centrifuge tube

up to 7.000 x g - 50 mL centrifuge tube (self-standing)

Comfortable handling - the 3/4 turn closure enabling one handed operation by opening and tightening

Maintain sample integrity - sterile version available (by gamma irradiation)

Sterile handling - centrifuge tubes are autoclavable (opened 121°C / 15 min)

Versions - 50 mL tubes are available as non-skirted or self-standing (skirted)

Non-skirted






Self-standing (skirted)



metal free

autoclavable  
121°C  
15 min

## Ordering information

Volume	Height	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
 15 mL	120.0 mm	clear/gray		bag	20x25	3-254-25-8
	120.0 mm	clear/gray		rack	20x25	3-255-25-8
	120.0 mm	clear/gray	■	bag	20x25	3-256-25-8
	120.0 mm	clear/gray	■	rack	20x25	3-257-25-8
 50 mL	115.0 mm	clear/gray		bag	20x25	3-270-25-8
	115.0 mm	clear/gray		rack	20x25	3-271-25-8
	115.0 mm	clear/gray	■	bag	20x25	3-272-25-8
	115.0 mm	clear/gray	■	rack	20x25	3-273-25-8
 50 mL, self-standing	115.0 mm	clear/gray		bag	20x25	3-280-25-8
	115.0 mm	clear/gray	■	bag	20x25	3-281-25-8





# AHN myPette SP

Serological Pipettes  
1.0 mL - 25 mL



Quick volume check - glass-clear polystyrene (PS) with graduation marks  
Maintain sample integrity - sterile, individually packed  
Convenient identification - colour-coded cotton-wool plug, standard colour code  
Accurate, minimal residual wetting - weldless one piece pipette  
Additional capacity - availability of negative graduation  
Display of dispensed and residual volumes - 5, 10 and 25 mL pipettes provide reverse double scales



17

Description	Length	Volume
	271.0 mm	1.0 mL
	271.0 mm	2.0 mL
	294.0 mm	5.0 mL
	294.0 mm	10.0 mL
	297.0 mm	25.0 mL

## Ordering information

Pos. Volume	Neg. Volume	Colour Code	Graduation	Sterilized	Pack Type	Sales Unit	Cat. No.
1.0 mL	0.3 mL		0.01 mL	■	Ind. wrapped	1x2000	8-840-00-0
				■	Bag/25 pcs.	160x25	8-840-00-1
2.0 mL	0.4 mL		0.02 mL	■	Ind. wrapped	1x2000	8-840-01-0
				■	Bag/25 pcs.	160x25	8-840-01-1
5.0 mL	3.0 mL		0.10 mL	■	Ind. wrapped	1x1000	8-840-02-0
				■	Bag/25 pcs.	60x25	8-840-02-1
10.0 mL	3.0 mL		0.10 mL	■	Ind. wrapped	1x800	8-840-03-0
				■	Bag/25 pcs.	40x25	8-840-03-1
25.0 mL	2.6 mL		0.20 mL	■	Ind. wrapped	1x400	8-840-04-0
				■	Bag/10 pcs.	40x10	8-840-04-1

# AHN myTube CrT

Cryo Tubes 1.2 mL | 1.8 mL | 4.0 mL



18

Easy sample identification - unique barcode printing directly on tube / large writing surface on tube

Secure long term storage and preservation - tube can be stored up to -196 °C

No loss of sample - tested to specific pressure to guarantee no leaking from tube

No contamination during storage - o-ring injected directly into cap to minimize risk of leaking

Quick and simple volume check - clear printed graduation marks

Preserved viability of samples - manufactured from proven non-toxic materials

Maintain sample integrity - sterilized by beta irradiation

Sterile handling - cryo tube is autoclavable (120 °C / 20 min)

Colour coding - capdisks available in six different colours allow an easy identification of the sample by snap into screw-top caps

Self standing / external thread



autoclavable  
120°C  
20 min

## Ordering information

Volume	Height	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
1.2 mL	40.2 mm	clear	■	bag	10x50	3-249-00-0
1.8 mL	45.6 mm	clear	■	bag	10x50	3-249-01-0
4.0 mL	7.36 mm	clear	■	bag	10x50	3-249-02-0

Accessories	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
Capdisks		white	bag	1x1000	3-252-50-0
		yellow	bag	1x1000	3-252-50-1
		blue	bag	1x1000	3-252-50-2
		red	bag	1x1000	3-252-50-3
		green	bag	1x1000	3-252-50-4
		purple	bag	1x1000	3-252-50-8



# AHN myPlate

## Cryobox 81 Places

Effortless and secure operation - box can be easily opened and closed with one hand / drain openings on bottom for liquid nitrogen storage

Secure long term storage and preservation - polypropylene (PP) box can be stored between -90 °C and +121 °C and polycarbonate (PC) between -196 °C and +121 °C

Storage of light sensitive samples - PP boxes are available with bottom and lid in black

Easy sample identification - removable grid insert with numeric coding on each position

Product details - 9 x 9 matrix / 81 places / dimensions PP boxes: 133 mm (W) x 133 mm (D) x 52 mm (H) / dimensions PC boxes: 132 mm (W) x 132 mm (D) x 52 mm (H) and 132 mm (W) x 132 mm (D) x 94 mm (H)

Sterile handling - cryoboxes are autoclavable (opened 121°C / 20 min)



19

PC Boxes



1



2

PP Boxes



3



4

autoclavable  
121°C  
20 min

### Ordering information

Description	Height	Colour	Sterilized	Pack Type	Sales Unit	Cat. No.
9x9 matrix for 1.2 mL/1.8 mL tubes 1	52.0 mm	white/blue		bag	8x5	3-631-00-2
9x9 matrix for 4.0 mL tubes 2	94.0 mm	white/blue		bag	8x4	3-631-01-2
9x9 matrix for 1.2 mL/1.8 mL tubes 3	52.0 mm	black*		bag	12x5	3-630-99-7
9x9 matrix for 1.2 mL/1.8 mL tubes 4	52.0 mm	magenta		bag	12x5	3-630-99-8

\*Protection of light sensitive samples

# AHN myTube | myPlate

## Filtration Systems



20

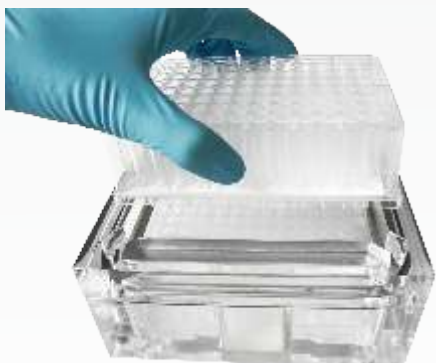
### AHN myTube SC Spin Column System

Spin column system - consisting of 0.8 mL filter tube (round bottom design) equipped with corresponding filter (see filter options below) and 1.5 mL or 2.0 mL receiver tube

Elimination of contamination and loss of sample - high quality raw material meets standards of purity and is highly resistant to extreme mechanical strain and has an excellent chemical resistance

Centrifuge specifications:

up to 25.000 x g - fixed-angle rotor  
up to 30.000 x g - swing out rotor



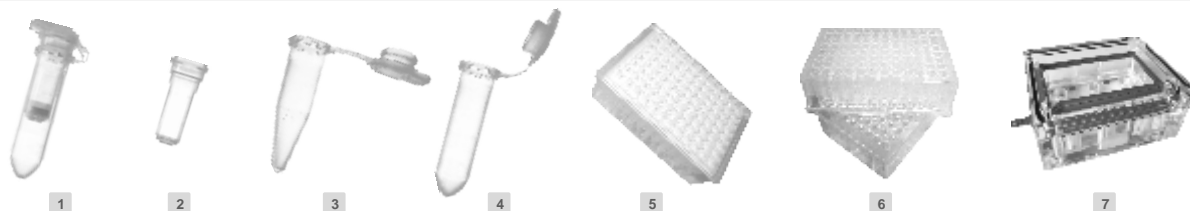
### AHN myPlate FP Microfilterplate System

Microfilterplate - 8x12 matrix, 96 individual drip directors, 1.0 mL capacity, in accordance with SBS-Standard, equipped with corresponding filter (see filter options below) / receiver plate and vacuum manifold are separately available

Elimination of risk of sample contamination - manufactured from absolutely clear high-quality virgin polystyrene

Filter options	SC	FP
Glasfiber (GF) filter characteristics - recommended for the purification of DNA and RNA / prefiltering of dirty solutions / rapid flow rate and high particle loading capacity	■	■
Nylon filter characteristics - recommended for filtering protein-free culture media / recommended for particle removing / hydrophilic / good chemical resistance		■
Cellulose acetate (CA) filter characteristics - very low binding affinity / recommended for applications requiring low protein binding / high flow rates / very low adsorption / hydrophobic	■	■
Regenerated cellulose (RC) filter characteristics - suitable for particle removal from solvents / used to ultraclean solutions / hydrophilic / very good chemical resistance	■	■
Polyethylene (PE) filter characteristics - suitable for particle-removing coarse filtration / can be used both as a prefilter or as support filter in combination with other filters / hydrophobic / very good chemical resistance	■	■
Polyvinylidene fluoride (PVDF) filter characteristics - used in general filtration and sample preparation applications / hydrophilic / low binding affinity / broad chemical and temperature resistance / high flow rates	■	■





Description - spin column system		Colour	Pack Type	Sales Unit	Cat. No.
AHN myTube SC 0.8 mL filter tube, GF-F2 filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-320-20-0
AHN myTube SC 0.8 mL filter tube, GF-N2 filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-321-20-0
AHN myTube SC 0.8 mL filter tube, CA 0.2 µm filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-323-10-0
AHN myTube SC 0.8 mL filter tube, CA 0.8 µm filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-323-11-0
AHN myTube SC 0.8 mL filter tube, CA 1.2 µm filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-323-12-0
AHN myTube SC 0.8 mL filter tube, PVDF 0.22 µm filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-322-10-0
AHN myTube SC 0.8 mL filter tube, PVDF 0.45 µm filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-322-11-0
AHN myTube SC 0.8 mL filter tube, RC 0.2 µm filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-317-10-0
AHN myTube SC 0.8 mL filter tube, PE 20-60 µm filter, 2.0 mL receiver tube	1	clear	bag	2x100	3-340-10-0
Description - individual components spin column system		Colour	Pack Type	Sales Unit	Cat. No.
AHN myTube SC 0.8 mL filter tube w/o filter, w/ filtering	2	clear	bag	2x1000	3-331-50-0
AHN myTube RT 1.5 mL receiver tube	3	clear	bag	10x1000	3-200-80-0
AHN myTube RT 2.0 mL receiver tube	4	clear	bag	10x1000	3-202-80-0
Description - microfilterplate system		Colour	Pack Type	Sales Unit	Cat. No.
AHN myPlate FP 96-wells, 1.0 mL, GF-FF filter	5	clear	bag	5x5	3-210-25-0
AHN myPlate FP 96-wells, 1.0 mL, GF/N 1.6 µm filter	5	clear	bag	5x5	3-210-25-2
AHN myPlate FP 96-wells, 1.0 mL, CA 0.2 µm filter	5	clear	bag	5x5	3-219-25-0
AHN myPlate FP 96-wells, 1.0 mL, CA 0.8 µm filter	5	clear	bag	5x5	3-220-25-0
AHN myPlate FP 96-wells, 1.0 mL, CA 1.2 µm filter	5	clear	bag	5x5	3-221-25-0
AHN myPlate FP 96-wells, 1.0 mL, PVDF 0.22 µm filter	5	clear	bag	5x5	3-214-25-0
AHN myPlate FP 96-wells, 1.0 mL, PVDF 0.45 µm filter	5	clear	bag	5x5	3-218-25-0
AHN myPlate FP 96-wells, 1.0 mL, Nylon 0.2 µm filter	5	clear	bag	5x5	3-215-25-0
AHN myPlate FP 96-wells, 1.0 mL, Nylon 0.45 µm filter	5	clear	bag	5x5	3-215-25-1
AHN myPlate FP 96-wells, 1.0 mL, RC 0.2 µm filter	5	clear	bag	5x5	3-236-25-0
AHN myPlate FP 96-wells, 1.0 mL, PE 20-60 µm filter	5	clear	bag	5x5	3-225-25-0
AHN myPlate FP 96-wells, 1.0 mL, without filter	5	clear	bag	5x5	3-222-25-0
AHN myPlate RP receiver plate 96-wells, 1.0 mL	6	clear	bag	5x5	3-211-25-0
Description - accessories microfilterplate system		Colour	Pack Type	Sales Unit	Cat. No.
AHN Vacuum manifold, manual	7	clear	carton	1x1	3-401-01-0



# pipet4u® pro

## Manual Single and Multi Channel Pipettes

22

UV  
resistant

CE IVD

2  
YEARS  
WARRANTY

autoclavable  
121°C  
15 min

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)

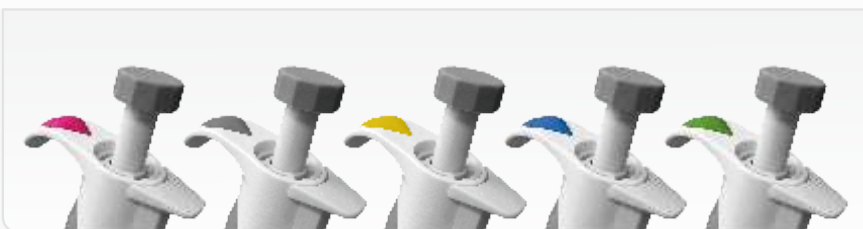
Easy and quick maintenance and adjustment - with the included disassembly and calibration tool

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



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



+49(0)3631/46594-04



+49(0)3631/46594-10



info@ahn-bio.de

## 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	-	1.3 %	1.2 %	8-001-20-9
10 µL	10 µL	-	0.8 %	0.8 %	8-002-20-9
20 µL	20 µL	-	0.6 %	0.5 %	8-003-20-9
25 µL	25 µL	-	0.5 %	0.3 %	8-004-20-9
50 µL	50 µL	-	0.5 %	0.3 %	8-007-20-9
100 µL	100 µL	-	0.5 %	0.3 %	8-008-20-9
200 µL	200 µL	-	0.4 %	0.2 %	8-009-20-9
250 µL	250 µL	-	0.4 %	0.2 %	8-010-20-9
500 µL	500 µL	-	0.3 %	0.2 %	8-011-20-9
1000 µL	1000 µL	-	0.3 %	0.2 %	8-012-20-9
2000 µL	2000 µL	-	0.3 %	0.15 %	8-013-20-9
2500 µL	2500 µL	-	0.3 %	0.15 %	8-014-20-9
5000 µL	5000 µL	-	0.3 %	0.15 %	8-015-20-9
10000 µL <sup>3</sup>	10000 µL	-	0.6 %	0.2 %	8-016-20-9

<sup>1</sup> Systematic error | <sup>2</sup> Random error | <sup>3</sup> Tip ejector function not available

## 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	0.01 µL	12.0 %	6.00 %	8-100-20-9
	1.25 µL		3.0 %	3.00 %	
	2.5 µL		2.5 %	1.60 %	
0.5-10 µL	1 µL	0.1 µL	2.5 %	1.50 %	8-101-20-9
	5 µL		2.0 %	1.00 %	
	10 µL		1.0 %	0.80 %	
2-20 µL	2 µL	0.1 µL	3.0 %	2.00 %	8-102-20-9
	10 µL		1.5 %	1.00 %	
	20 µL		0.9 %	0.40 %	
5-50 µL	5 µL	0.5 µL	2.0 %	2.00 %	8-103-20-9
	25 µL		0.8 %	0.40 %	
	50 µL		0.6 %	0.30 %	
10-100 µL	10 µL	5.0 µL	3.0 %	1.50 %	8-104-20-9
	50 µL		1.0 %	0.50 %	
	100 µL		0.8 %	0.15 %	
20-200 µL	20 µL	1.0 µL	2.0 %	0.80 %	8-105-20-9
	100 µL		0.7 %	0.30 %	
	200 µL		0.6 %	0.15 %	
50-200 µL	50 µL	1.0 µL	1.0 %	0.40 %	8-105-21-9
	100 µL		0.8 %	0.20 %	
	200 µL		0.6 %	0.15 %	
100-1000 µL	100 µL	5.0 µL	2.0 %	0.70 %	8-106-20-9
	500 µL		1.0 %	0.40 %	
	1000 µL		0.6 %	0.20 %	
200-1000 µL	200 µL	5.0 µL	0.9 %	0.30 %	8-106-21-9
	500 µL		0.75 %	0.25 %	
	1000 µL		0.6 %	0.20 %	
500-5000 µL	500 µL	50.0 µL	2.0 %	0.60 %	8-107-20-9
	2500 µL		0.6 %	0.30 %	
	5000 µL		0.5 %	0.15 %	
2000-10000 µL <sup>3</sup>	2000 µL	100.0 µL	3.0 %	0.60 %	8-108-20-9
	5000 µL		1.2 %	0.30 %	
	10000 µL		0.6 %	0.20 %	

<sup>1</sup> Systematic error | <sup>2</sup> Random error | <sup>3</sup> Tip ejector function not available







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

24

Volume	Channel	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

<sup>1</sup> Systematic error | <sup>2</sup> Random error | <sup>3</sup> Tip ejector function not available

## 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





# AHN Pipette Stands

## Single Channel and Multi Channel Pipettes

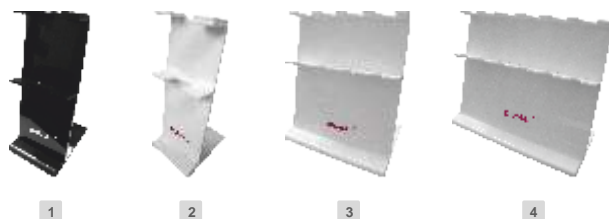
Safe and effortless handling - comfortable and reliable pipette storage / pipette stands can be easily assembled and disassembled for cleaning purposes

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



25

Acrylic  
pipette stands



Acrylic/Aluminium  
pipette stands



### Ordering information

Description - Acrylic pipette stands		Colour	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
6 places pipette stand for manual single channel pipettes	4	white	Carton/1 pc.	8-131-00-9
Description - Acrylic/Aluminium pipette stands		Colour	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® Revolution

## Electronic Single Channel and Multi Channel Pipettes

26

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

### Ordering information - electronic single channel pipettes

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

<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 tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction manual
1 pc. Screw driver	1 pc. Calibration report



+49(0)3631/46594-04



+49(0)3631/46594-10



info@ahn-bio.de



## 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 %	

<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 tips	1 pc. Charger (EU)
1 pc. Grease	1 pc. Instruction manual
1 pc. Screw driver	1 pc. Calibration report

# pipet4u® Oasis

## Pipette Controller

28

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 - 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)



UV  
resistant

CE IVD

2  
YEARS  
WARRANTY

autoclavable  
120°C  
15 min

### Ordering information

Description	Sales Unit	Cat. No.
<b>pipet4u® Oasis</b> Pipette Controller 0.1-100 mL	Carton/1 pc.	<b>8-300-00-9</b>
Description - spare parts	Sales Unit	Cat. No.
0.2 µm PTFE membrane filter	Carton/5 pc.	<b>8-300-03-0</b>
0.45 µm PTFE membrane filter	Carton/5 pc.	<b>8-300-04-0</b>
Silicone adapter	Carton/1 pc.	<b>8-300-01-0</b>
Pipette cone	Carton/1 pc.	<b>8-300-02-8</b>

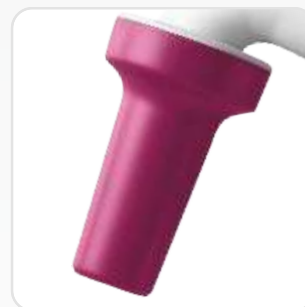
### Delivery package

- 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



# 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



29

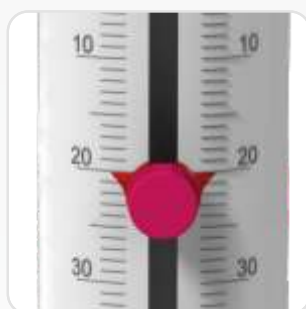
### Ordering information

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

### Delivery package

- 1pc. 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. Spanner

Double scale



Re-circulation valve



# AHN myLab MC-01

## Microcentrifuge 6000 rpm

30

Usage - separation of particles from suspension or macromolecules from solutions

Capacity - 8-place closed rotor for 1.5 mL / 2.0 mL micro tubes

Maximum Speed - 6000 rpm / 2000 x g

Multiple tube options - adaptors for 0.2 mL / 0.5 mL tubes available

Unique closed rotor design - ensures better airflow through low-friction, stability for temperature sensitive sample through low heat generation and ultra-silent and vibration free operation

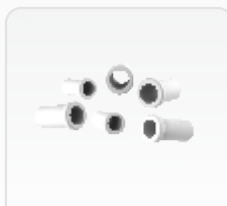
Secure operation - electronic brake for immediate stop on lid opening for increased user safety

Durability - robust construction / solid hinge and switch design

Quick and comfortable operation - possibility of quick runs by simply closing and opening the lid / digital display

Small footprint saves valuable bench space - suitable for use in hoods and cold rooms

Speed accuracy +/- 100 RPM



### Ordering information

#### Description

#### Cat. No.

**AHN myLab MC-01 Microcentrifuge 6000 rpm**

**7-000-01-0**

#### Delivery package

- 1 pc. Microcentrifuge 6000 rpm
- 1 pc. 1.5 / 2.0 mL closed rotor
- 1 pc. PCR strip rotor
- 1 pc. Allen wrench
- 8 pcs. Individual adaptor for 0.2 mL tubes
- 8 pcs. Individual adaptor for 0.5 mL tubes
- 1 pc. External power adaptor
- 1 pc. Instruction manual
- 1 pc. Warranty card
- 1 pc. Declaration of conformity

#### Specifications

<b>Noise level</b>	< 55 db
<b>Quick spin feature</b>	yes, lid activated on/off
<b>Power consumption</b>	10 W
<b>Dimensions (WxDxH)</b>	162 x 157 x 115 mm



# AHN myLab MC-02

## High Speed Microcentrifuge 15000 rpm

Usage - designed for blood centrifugation and other clinical applications

Capacity - 12-place closed rotor for 1.5 mL / 2.0 mL micro tubes

Maximum Speed - up to 15000 rpm / 15596 x g

Multiple tube options - adaptors for 0.2 mL / 0.5 mL tubes available

Unique closed rotor design - ensures better airflow through low-friction and stability for temperature sensitive sample through low heat generation

Increased user safety and comfort - automatic safety brake system preventing the lid from opening upon operation / imbalance detection / rotor with screw on lid to prevent contamination

Small footprint - optimizing bench top space

Multiple applications - suitable for use in hoods or cold rooms

Robust design - brushless DC motor enables maintenance free and long lasting operation, perfect for extended runs

Comfortable use - user-friendly interface / extremely low noise level / large digital display



31

### Ordering information

Description	Cat. No.
<b>AHN myLab MC-02 High Speed Microcentrifuge 15000 rpm</b>	<b>7-001-01-0</b>

### Delivery package

1 pc. High speed microcentrifuge 15000 rpm

1 pc. Power supply adaptor

1 pc. 12-slot rotor (pre-installed)

1 pc. T-Allen key

1 pc. Reduction adaptors for 0.2/0.5 mL tubes

1 pc. Instruction manual

1 pc. Warranty card

### Specifications

<b>Noise level</b>	< 60 db
<b>Imbalance detection</b>	yes, auto cut off
<b>Timer setting</b>	1 to 99 mins / infinite mode
<b>Dimensions (WxDxH)</b>	260 x 244 x 205 mm



# AHN myLab CLC-01

## Clinical Centrifuge 4000 rpm

32

Usage - designed for blood centrifugation and other clinical applications

Multiple tube and rotor options - 6x15 mL (swing) / 8x15 mL (fixed angle) / 16x10 mL (fixed) / further blood collection tube adaptors available - 9 mL, 6 mL, 4 mL, 3 mL and 2 mL

Maximum Speed - up to 4000 rpm / 2270 x g varies per rotor

Precise operation - speed interval of 10 rpm starting from 500 rpm

Memory feature - can save upto 99 user defined programs (protocols)

Increased user safety and comfort - automatic safety brake system preventing the lid from opening upon operation / imbalance detection

Robust design - brushless DC motor enables maintenance free and long lasting operation, perfect for extended runs

Comfortable use - last run memory function / user-friendly interface for speed and time setting / short spin feature



### Rotor options

#### Rotor type

Swing out

#### Capacity

6x15 mL

#### Max RCF

2270 x g

#### Cat. No.

7-010-03-0



#### Rotor type

Fixed angle

#### Capacity

8x15 mL

#### Max RCF

1950 x g

#### Cat. No.

7-010-01-0



#### Rotor type

Fixed angle

#### Capacity

16x10 mL

#### Max RCF

2180 x g

#### Cat. No.

7-010-02-0



### Ordering information

#### Description

AHN myLab CLC-01 Clinical Centrifuge 4000 rpm

#### Cat. No.

7-010-00-0

### Delivery package

- 1 pc. Clinical centrifuge 4000 rpm
- 1 pc. Power supply adaptor
- 1 pc. T-Allen key
- Reduction adaptors
- 1 pc. Tube holder
- 1 pc. Instruction manual
- 1 pc. Warranty card

### Specifications

<b>Imbalance detection</b>	yes, auto cut off
<b>Timer setting</b>	1-999 mins / infinite mode
<b>Weight</b>	7.7 kg (without rotor)
<b>Dimensions (WxDxH)</b>	355 x 415 x 173 mm





# AHN myLab HC-01

## Hematocrit Centrifuge 12000 rpm

Usage - determination of volume fractions of erythrocytes (red blood cells) in blood and also for separation of blood and solutions

Capacity - 24 capillary tubes of 75 / 45 mm length

Maximum Speed - up to 12000 rpm / 14119 x g

Precise operation - speed interval of 100 rpm starting from 500 rpm

Increased user safety and comfort - automatic safety brake system preventing the lid from opening upon operation / imbalance detection / HTC rotor with screw on lid to prevent contamination

User comfort - big user-friendly display / last run memory function / preset feature where the user can set up their favorite mode and change the speed (RPM) and time

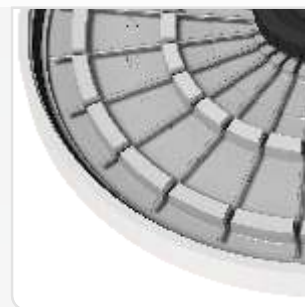
Robust design - brushless DC motor enables maintenance free and long lasting operation, perfect for extended runs

Small footprint - optimizing bench top space



33

24 slot capillary rotor



### Ordering information

#### Description

AHN myLab HC-01 Hematocrit Centrifuge 12000 rpm

#### Cat. No.

7-020-00-0

#### Delivery package

- 1 pc. Hematocrit Centrifuge 12000 rpm
- 1 pc. Power supply adaptor
- 1 pc. 24 slot capillary rotor (pre-installed)
- 1 pc. Blood reader
- 1 pc. T-Allen wrench
- 1 pc. Instruction manual
- 1 pc. Warranty card

#### Specifications

Imbalance detection	yes, auto cut off
Timer setting	upto 12 mins
Weight	5.0 kg (without Rotor)
Dimensions (WxDxH)	301 x 363 x 105 mm

# AHN myLab VT-01

## Mini Vortex Mixer 4500 rpm

34

Usage - quick mixing, re-suspension of samples in individual test tubes, up to a diameter of 30 mm

Maximum Speed - adjustable up to 4500 rpm

Robust design - brushless DC motor enables maintenance free and long lasting operation

Stable operation - through aluminium die cast base, suction cups and inbuilt counter balance system

Very small footprint saves valuable bench space - suitable for use in hoods and cold rooms



Soft silicone cup



Speed knob



### Ordering information

#### Description

AHN myLab VT-01 Mini Vortex Mixer 4500 rpm

#### Cat. No.

7-100-00-0

#### Delivery package

- 1 pc. Mini Vortex Mixer 4500 rpm
- 1 pc. Power supply adaptor
- 1 pc. Instruction manual
- 1 pc. Warranty card

#### Specifications

Max. tube diameter	30 mm
Orbital diameter	4.5 mm
Max. loading capacity	500 g
Press activation	yes
Protection class	IP 43
Dimensions (WxDxH)	100 x 100 x 67 mm
Weight	0.55 kg



# AHN myLab VT-02

Vortex Mixer 2800 rpm

35

Usage - everyday mixing operations

Maximum Speed - adjustable up to 2800 rpm

Comfortable use - selection of different modes (touch, stand-by and continuous), depending on the desired use / smooth and silent operation

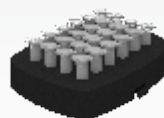
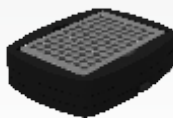
Stable operation - through inbuilt counter balance system

Multiple applications - optional attachments for micro plate, micro tubes and flask / sticker for permissible speed for various attachments

Small footprint saves valuable bench space - suitable for use in hoods in the temperature range from 5 to 40 °C



Optional attachments



## Ordering information

### Description

AHN myLab VT-02 Vortex Mixer 2800 rpm

### Cat. No.

7-110-00-0

### Delivery package

- 1 pc. Vortex Mixer 2800 rpm
- 1 pc. Power supply adaptor
- 1 pc. Standard cup head (pre-installed)
- 1 pc. Instruction manual
- 1 pc. Warranty card

### Optional attachments

### Cat. No.

- Universal platform **7-110-01-0**
- Foam for microtubes **7-110-02-0**
- Foam for microplate **7-110-03-0**
- Rubber holder for flask **7-110-04-0**

### Specifications

Orbital diameter	4 mm
Speed accuracy	± 5.0 %
Max. loading capacity	500 g
Protection class	IP 21
Power supply	220 - 240VAC, 50Hz
Dimensions (WxDxH)	205 x 136 x 138.5 mm
Weight	3.0 kg

# AHN myLab VT-03

## Digital Vortex Mixer 4200 rpm

36

Usage - comfortable everyday mixing operations

Maximum Speed - adjustable up to 4200 rpm

Digital display - adjustable speed setting with an interval of 10 rpm and time setting from 0 - 999 minutes / displays speed and time alternatively at every 5 seconds

Stable operation - through inbuilt counter balance system

Robust design - brushless DC motor enables maintenance free and long lasting operation

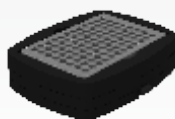
Programmable pulse mode - ON time and OFF time can be individually modified

Multiple applications - optional attachments for micro plate, micro tubes and flask / sticker for permissible speed for various attachments

Small footprint saves valuable bench space - suitable for use in hoods and cold rooms



Optional attachments



### Ordering information

#### Description

AHN myLab VT-03 Digital Vortex Mixer 4200 rpm

#### Cat. No.

7-120-00-0

#### Delivery package

- 1 pc. Digital Vortex Mixer 4200 rpm
- 1 pc. Power supply adaptor
- 1 pc. Standard cup head (pre-installed)
- 1 pc. Instruction manual
- 1 pc. Warranty card

#### Optional attachments

#### Cat. No.

- Universal platform **7-110-01-0**
- Foam for microtubes **7-110-02-0**
- Foam for microplate **7-110-03-0**
- Rubber holder for flask **7-110-04-0**

#### Specifications

Orbital diameter	4 mm
Different modes	Touch, continuous
Speed setting	300-4200 rpm
Max. loading capacity	500 g
Dimensions (WxDxH)	205 x 136 x 138.5 mm
Weight	2.8 kg



# AHN myLab TR-01

Tube Roller 30 rpm



37

Usage - mixing of blood samples and viscous substances

Capacity - 9 x 5 mL tubes

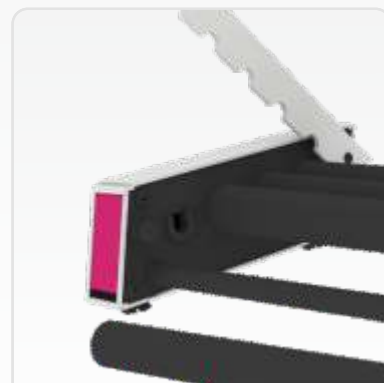
Fixed speed - 30 rpm with an accuracy of  $\pm 2$  rpm

Optimal mixing - gentle rocking and rolling movements at a tilt angle of  $\pm 3$  degree

Easy maintenance and adjustment - tool free removal and installation of rollers for effortless cleaning and replacing / easy adjustment of spacing to use with different tube diameter

Robust and space-saving design - robust construction for stable operation / small footprint requiring minimum of bench space

Tool free removal and  
installation of rollers



## Ordering information

### Description

AHN myLab TR-01 Tube Roller 30 rpm

### Cat. No.

7-200-00-0

### Delivery package

- 1 pc. Tube Roller 30 rpm
- 1 pc. Power supply adaptor
- 1 pc. Instruction manual
- 1 pc. Warranty card

### Specifications

Run time	Continuous / infinite
Noise level	Noiseless operation
Roller size	30 x 330 mm
Max. loading capacity	1.5 kg
Protection class	IP 21
Dimensions (WxDxH)	475 x 201 x 80 mm
Weight	2.0 kg

# AHN myLab TR-02

Tube Rotator 30 rpm

38

Usage - ideal for processing of blood samples

Capacity - 16 tubes (4 ESR Tubes and 12 blood collection) tubes with the maximum operational weight capacity of 1.5 kgs

Fixed speed - 30 rpm with an accuracy of  $\pm 2$  rpm

Optimal mixing - thanks to gentle circular rotations on the fixed plate at the angle of 38 degrees

Robust and space-saving design - robust metal construction with rubber feet for stable operation / compact design requires minimum of bench space

Easy maintenance and adjustment - the disc plate can be easily removed for cleaning and replacing



## Ordering information

### Description

AHN myLab TR-02 Tube Rotator 30 rpm

### Cat. No.

7-210-00-0

### Delivery package

- 1 pc. Tube Rotator 30 rpm
- 1 pc. Power supply adaptor
- 1 pc. Instruction manual
- 1 pc. Warranty card

### Specifications

Run time	Continuous / infinite
Noise level	Noiseless operation
Max. loading capacity	1.5 kg
Protection class	IP 21
Dimensions (WxDxH)	278 x 183 x 252 mm
Weight	1.7 kg



# AHN myLab TR-03

## Plate Rotator 30 rpm

Usage - ideal for processing of blood samples, separating and mixing of liquid and powdered samples

Capacity - 12 x 15 mL and 4 x 50 mL tubes or 22 x 15 mL tubes with the maximum operational weight capacity of 1.0 kgs

Fixed speed - 30 rpm with an accuracy of  $\pm 2$  rpm

Optimal mixing - circular motion allows gentle but effective mixing

Robust and space-saving design - strong metal construction with rubber feet for stable operation / compact design requires minimum of bench space

Easy maintenance and adjustment - plates can be easily removed and installed for cleaning and replacing



39

### Ordering information

#### Description

**AHN myLab TR-03 Plate Rotator 30 rpm**

#### Cat. No.

**7-220-00-0**

#### Delivery package

- 1 pc. Plate Rotator 30 rpm
- 1 pc. Power supply adaptor
- 1 pc. 12 x 15 mL + 4 x 50 mL Plate
- 1 pc. Instruction manual
- 1 pc. Warranty card

#### Specifications

<b>Run time</b>	Continuous / infinite
<b>Noise level</b>	Noiseless operation
<b>Max. loading capacity</b>	1.0 kg
<b>Protection class</b>	IP 21
<b>Dimensions (WxDxH)</b>	346 x 185 x 145 mm
<b>Weight</b>	2.5 kg



# AHN myLab SM-01

## Single Plate Magnetic Stirrer 1500 rpm

40

Usage - in laboratories, pharmacies and schools, mixing liquid industry

Maximum speed - from 15 to 1500 rpm with an interval of 50 rpm / Software driven gradual acceleration

Time setting - ranging from 1- 99 minutes / continuous operation feature

Improved mixing - pulse mode where the mixing direction changes every 30 seconds

Maintenance free design - water spill, corrosion and chemically resistant / includes no moving parts / high quality stirring bar

User-friendly interface and design - digital display showing the real-time speed and the remaining time / last run memory function / extremely thin (only 16.0 mm thick)/ flat surface enables easy wiping and cleaning



### Ordering information

#### Description

Single Plate Magnetic Stirrer 1500 rpm

#### Cat. No.

7-300-00-0

#### Delivery package

- 1 pc. Magnetic Stirrer 1500 rpm
- 1 pc. Stirrer bar (PTFE coated, 25 x 8 mm)
- 1 pc. Instruction manual
- 1 pc. Warranty card

#### Specifications

Max. stirring quantity	800 mL
Recommended stir bar length	25 mm
Protection class	IP 65
Dimensions (WxDxH)	120 x 164 x 16 mm
Weight	400 g





# AHN myLab SM-05/10/15

## Heated Magnetic Stirrer 1500 rpm



41

Usage - chemical and pharma industry for mixing and/or heating liquids

Maximum Speed - adjustable speed ranging from 300 to 1500 rpm with an interval of 10 rpm

Multiple capacity options - 5, 10 or 15 flasks

Optimal heating process - heating up to 120 °C with homogenous temperature distribution across the plate

Improved mixing - programmable pulse mode where the user can set the time from 30 to 99 seconds for changing the mixing direction

Time setting - ranging from 1- 999 minutes / continuous operation feature

Operation-friendly design - rubber feet for optimal stability on the bench / waterproof surface which is easy to clean and protects the equipment from accidental spills

### Ordering information

Description	Cat. No.
<b>5-plate Heated Magnetic Stirrer 1500 rpm</b>	<b>7-305-00-0</b>
<b>10-plate Heated Magnetic Stirrer 1500 rpm</b>	<b>7-310-00-0</b>
<b>15-plate Heated Magnetic Stirrer 1500 rpm</b>	<b>7-315-00-0</b>

### Delivery package

1 pc. Power cord  
1 pc. Reference stirrer bar  
1 pc. Instruction manual  
1 pc. Warranty card

### Specifications

Number of stirring positions	5	10	15
<b>Max. stirring quantity</b>	400 mL per position		
<b>Recommended stir bar length</b>	25 mm		
<b>Protection class</b>	IP 42		
<b>Dimensions (WxDxH)</b>	136 x 562 x 75 mm	196 x 565 x 75 mm	282 x 568 x 76 mm
<b>Weight</b>	3.0 kg	5.0 kg	7.0 kg

# Terms and conditions

## 1. General

All deliveries and services are based on the following Terms and Conditions. Deviating conditions issued by the buyer are not binding, even if they are not explicitly contradicted. The buyer accepts the General Terms and Conditions of the AHN Biotechnologie GmbH as legally binding by order placement or/and acceptance of the goods. In case of entrepreneurs, this also applies to pending and all further deliveries and services. The current issue of the General Terms and Conditions of the AHN Biotechnologie GmbH shall be valid as from 1 June 2017.

## 2. Offers and Orders

Prepared offers are always not binding. If the offer has been accepted by the orderer, the terms of sale shall be considered as accepted in their entirety. AHN Biotechnologie GmbH shall immediately respond to received offers. If the AHN Biotechnologie GmbH does not immediately oppose received offers, the offer will be seen as accepted. Therefore, deviating terms of sale and delivery issued by the orderer shall not be binding for the AHN Biotechnologie GmbH. Orders as well as any verbal side agreements require written confirmation. The exceptions to this are subsequently made verbal agreements. If within 24 hours after order confirmation the order needs to be not changed, this applies the order confirmation as bonded. In the case of non-compliance or cancellation of the order a net order value is immediately payable up to 25%.

## 3. Prices

The final calculation will be carried out on the basis of the prices applicable on the date of the delivery plus VAT. In this respect, the quotations, provided in the offer and the confirmation, are not binding. Price changes are allowed when more than four months are between the conclusion of the contract and the agreed date of delivery. In case, wages, material costs, or the market-related cost prices increase after that period and before the completion date of the delivery, the AHN Biotechnologie GmbH shall be entitled to reasonably increase the price owing to the increase in costs. The orderer is only entitled to withdraw when the increase of the price does not only insignificantly exceed the increase of the general living costs within the period of order and delivery. If the orderer is a businessman, a corporate body under public law, or a special fund under public law, the price changes will be possible according to the before mentioned regulations provided that more than six weeks are between the conclusion of the contract and the agreed date of delivery. The prices shall apply, unless otherwise agreed, ex-works, excluding freight, custom duties, insurance and packaging. In case of delivery values below 250.00 euros, a processing charge of 25.00 euros will be charged. If unexpected changes of the goods and/or of the incidental expenses of the goods occur after the acceptance of a contract that make the fulfilment of the contract unacceptable, the contract shall be adapted to the changed conditions. The contract adaptation and the Vendor's possibility of cancellation must be reasonable for the Buyer. If no agreement will be achieved thereby, the AHN Biotechnologie GmbH will be released from the contractual

obligation without the buyer's possibility to make compensation or liability claims. The exceptions to this are compensation or liability claims due to injury to life, body, or health with intent and gross fault.

## 4. Delivery and Shipment

The delivery is ex-works. In case of contracts and with deliveries to entrepreneurs, the goods are generally delivered on account and at the Buyer's risk. The Buyer also bears the risk if the freight is prepaid. If requested, we are willing to cover transport insurances only by invoicing the insurance rate and do not accept assume the obligation to obtain insurance. The AHN Biotechnologie GmbH is entitled to name itself as beneficiary. The vendor shall not be responsible for delays in delivery or services due to force majeure and due to events which considerably complicate the delivery or indeed render it impossible - this includes in particular strikes, lockouts, official directives etc. - also when these events occur at the sites of the vendor's suppliers or their subcontractors - even in case the vendor is bound by agreed terms and dates. They shall entitle the vendor to defer the deliveries or services for the period of hindrance plus an appropriate start-up time, and completely or in part, to withdraw from the contract due to unfulfilled terms of contract. The user will be entitled to withdraw if the performance is not available. The user explicitly undertakes to inform the contractual party immediately about the non-availability and to reimburse the counter-performance. Immediately after the completion or if the goods are ready for delivery, the orderer shall take over the goods. In case of default in taking delivery, the costs and the risk of storage shall pass to the orderer. The same applies to closing of railway lines and other transport possibilities that make the shipment impossible.

## 5. Date of delivery

The delivery time stated in the order confirmation is an approximate date and is determined under consideration of the known facts. If these facts change until the end of delivery period through no fault of our own, or other events which cannot be accounted for by us obstruct the delivery in due time, the delivery deadline will be extended reasonably. Delivery delays due to operating disruptions, regulatory actions or force majeure cause a reasonable extension of the delivery deadline. Force majeure is also to be understood to include industrial action including strikes and legitimate lockouts at the AHN Biotechnologie GmbH or our subcontractors' sites. In this case, our customers' right to claim for damages shall be excluded. With this, partial deliveries shall be eligible provided that the reasonable minimum quantity is not undercut.

## 6. Payment

The purchase price is payable net (for entrepreneurs) or gross (for consumers) on delivery of goods if not otherwise agreed. If the period of payment is exceeded, the AHN Biotechnologie GmbH shall be entitled to charge interest counted from the due date which refers to the value of the rate that we had to pay for the used bank loan, at least,

# Terms and conditions

however, of 5% above the current bank rate of the Deutschen Bundesbank and to refuse the further fulfilment of the contract. Expenses for debt recovery and reminding shall be on the buyer's account. With this, payments shall be paid directly. The buyer is not allowed to set off any payments, insofar not undisputed or legally effective claims, or counterclaims which are ready for a decision and counterclaims arising from the synallagmatic relation are affected.

## 7. Reservation of ownership

Until the full payment of the delivery and the regulation of all accounts payable from the business relation including interest, expenses as well as until the coverage of possible current account balance, AHN Biotechnologie GmbH reserves the property right for the delivered goods as well as in the commercial legal relations for the goods that have been manufactured using our goods. In this case, the goods will be reclaimed from the buyer without setting a final deadline or a letter of resignation if the Buyer does not meet its obligations despite of dunning notice. In the commercial legal relations, with this, the property includes the products that are produced by processing of the goods subject to retention of title or their mixtures to their full value. If the property right of third parties in the goods that are processed or mixed remains in force, we shall acquire co-property (§§ 947, 948 BGB) proportional to the invoice values of the goods to be processed. The buyer is obliged to keep the goods that are subject to retention of title safe and free of charge. As long as the buyer duly fulfils its liabilities against the AHN Biotechnologie GmbH, it shall be revocably entitled to have the goods that are subject to retention of title at its disposal in an ordinary business routine.

It shall not be authorized to pledging and assignment as security or other encumbrances. If the buyer is an entrepreneur, with this, it already assigns its claims from the resale of the goods owned or partially owned by the AHN Biotechnologie GmbH (§ 947 subparagraph 1, § 948 BGB) to the AHN Biotechnologie GmbH as a precaution. If the settlement of the claims is at risk, the buyer has to inform its customers about the assignment on request and has to pass all required information and documents to the AHN Biotechnologie GmbH. The buyer must immediately report about third parties' access to the goods that are subject to retention of title and assigned claims.

## 8. Notifications of defects, guarantee

The buyer is explicitly responsible for application, use, and processing of the ordered goods. In the commercial legal relations, the buyer is obliged to check the goods immediately when delivered and to confirm the delivery note. Is this examination neglected, it will not be possible to claim for defective goods or the delivery of goods which do not refer to the ordered goods afterwards. Complaints concerning obvious defects can only be considered when they are made within 5 days after the goods arrived at the place of destination. If the goods are sold per FOB, complaints shall be made in a timely manner so that the

shipment of obviously wrong or defective goods can be avoided. If the goods are sold per CIF- or C&F, the limitation period for filing a complaint will be 14 days after the arrival of the goods in the port of entry. A notice of defects does not release from the obligation to pay. In case the goods have been delivered on time and the suppliers have accepted the complaints, the orderer shall only be entitled for rescission of sale but not for price changes. The AHN Biotechnologie GmbH reserves the right to deliver replacement goods for the complained and returned goods. In case the subsequent delivery fails again, the buyer shall be entitled to have the legal rights to withdraw from the contract. The above-mentioned paragraphs finally include the warranty for the product and exclude other warranty claims of any kind. Complaints on latent/not obvious defects have to be brought to notice immediately after they have become recognizable, however, in commercial legal relations, this has to be within 6 months after the receipt of the goods and in case of contracts with consumers, this has to be within the statutory warranty period. Warranty services are only possible under the corresponding conditions of the individual suppliers.

## 9. Applicable law, place of jurisdiction, partial nullity

The Law of the Federal Republic of Germany shall be applicable for these terms of business and the entire legal relationship between the vendor and the buyer excluding the United Nations Convention on Contracts for the International Sale of Goods (CISG) as well as possible inter-governmental agreements. This also applies if the Buyer's place of business is abroad or the delivery shall be sent from or to abroad.

If the buyer is a merchant within the meaning of the Commercial Code, a legal entity under public law, or public/statutory special funds, the place of business of the AHN Biotechnologie GmbH shall be the exclusive place of jurisdiction for all disputes arising directly or indirectly from this contractual relation. Should any provision of these terms of business or a provision within the scope of any other agreements be or become ineffective, this shall not affect the validity of any other provisions or agreements.

Nordhausen, 1 May 2017

Distributed by:



+49(0)3631/46594-04



+49(0)3631/46594-10



info@ahn-bio.de

Uthleber Weg 14  
D-99734 Nordhausen  
Germany

[www.ahn-bio.de](http://www.ahn-bio.de)



ahn<sup>®</sup>

biotechnologie GmbH



© 2017 AHN Biotechnologie GmbH  
v. 2017-01

