

ahn<sup>®</sup>

biotechnologie GmbH

# CATALOGUE





ahn®

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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® 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.



Uthleber Weg 14 | 99734 Nordhausen | Germany

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# ahn myTip

Pipette Tips | Macro Tips



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## ahn myTip Pipette Tips

**Optimised fit and easy tip ejection** - improved 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

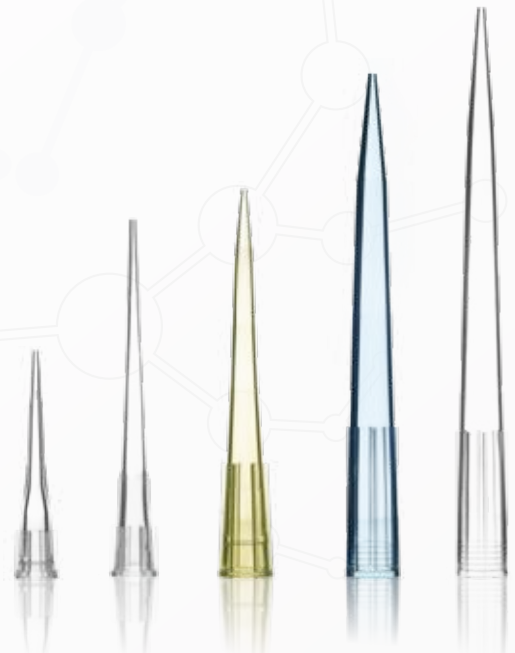
**High quality material** - tips made of autoclavable, non-wettable, virgin polypropylene

**Easy identification of pipette tip** - colour coded racks allow a quick and easy determination of the pipette tip and the suitable pipette

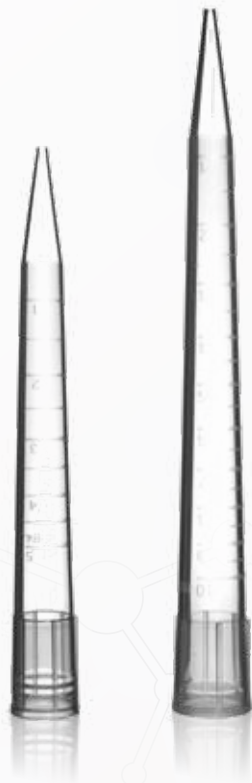
**Maintain sample integrity** - sterile version available (beta irradiation)

**Versions** - available in bags and rack boxes

**Compatibility list** available on request



metal free



## ahn myTip MaT Macro Tips

**Optimised 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









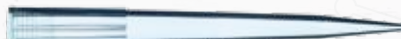

**Maintain sample integrity** - sterile version available (beta irradiation)

**Packaging** - available in bags

**Compatibility list** available on request

metal free

# Ordering information

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® 10 µL	31.20 mm	clear			bag	case / 20 x 1000 tips	1-002-81-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-002-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-003-C5-0
 AHN myTip® 10 µL, XL	45.80 mm	clear	■		bag	case / 20 x 1000 tips	1-062-81-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-062-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-063-C5-0
 AHN myTip® 200 µL	53.40 mm	clear			bag	case / 30 x 1000 tips	1-121-86-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-121-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-122-C5-0
 AHN myTip® 200 µL	53.40 mm	yellow			bag	case / 30 x 1000 tips	1-121-86-1
		yellow	■		racked	case / 5 x 10 x 96 tips	1-121-C5-1
		yellow	■	■	racked	case / 5 x 10 x 96 tips	1-122-C5-1
 AHN myTip® Gelloader 200 µL	68.50 mm	clear			bag	case / 5 x 1000 tips	1-130-70-0
		clear	■		racked	case / 4 x 8 x 96 tips	1-130-C4-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	1-131-C4-0
 AHN myTip® 300 µL	59.35 mm	clear			bag	case / 10 x 1000 tips	1-127-80-0
		clear	■		racked	case / 5 x 10 x 96 tips	1-127-C5-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	1-128-C5-0
 AHN myTip® 1000 µL, short	70.10 mm	clear blue			bag	case / 10 x 1000 tips	1-209-80-2
 AHN myTip® 1000 µL	84.30 mm	clear			bag	case / 10 x 1000 tips	1-202-80-0
		clear	■		racked	case / 4 x 8 x 96 tips	1-202-C4-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	1-203-C4-0
 AHN myTip® 1000 µL	84.30 mm	blue			bag	case / 10 x 1000 tips	1-202-80-2
		blue	■		racked	case / 4 x 8 x 96 tips	1-202-C4-2
		blue	■	■	racked	case / 4 x 8 x 96 tips	1-203-C4-2
 AHN myTip® 1250 µL	97.60 mm	clear			bag	case / 10 x 1000 tips	1-204-80-0
		clear	■		racked	case / 4 x 8 x 96 tips	1-204-C4-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	1-205-C4-0

Volume	Length	Colour	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® MaT 5 mL	124.00 mm	clear		bag	case / 10 x 250 tips	1-218-61-0
		clear	■	bag	case / 10 x 250 tips	1-222-61-0
 AHN myTip® MaT 5.5 mL	147.50 mm	clear		bag	case / 8 x 250 tips	1-212-84-0
		clear	■	bag	case / 8 x 250 tips	1-216-84-0
 AHN myTip® MaT 10 mL	181.00 mm	clear		bag	case / 5 x 200 tips	1-220-50-0
		clear	■	bag	case / 5 x 200 tips	1-224-50-0



# ahn myTip FT

## Pipette Filter Tips



metal free



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**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  $\mu\text{m}$ )

**Universal fit and tip ejection** - optimised 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

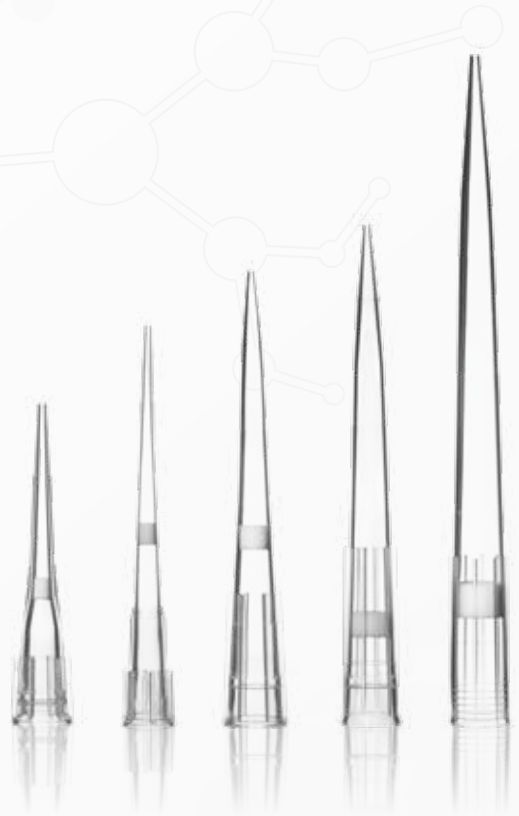
**Elimination of sample contamination** - tips made of autoclavable, non-wettable, virgin polypropylene






**Easy identification of pipette tip** - colour coded racks allow a quick and easy determination of the pipette tip and the suitable pipette

**Maintain sample integrity** - sterile version available (beta irradiation)




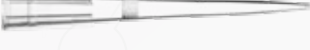




**Versions** - available in bags and rack boxes

**Compatibility list** available on request



Filter	Average pore size	Material	Characteristic	Used in following filter tip
	18-40 $\mu\text{m}$	PE	hydrophobic	10 $\mu\text{L}$   10 $\mu\text{L}$ XL
	5-20 $\mu\text{m}$	PE	hydrophobic	20 $\mu\text{L}$
	5-20 $\mu\text{m}$	PE	hydrophobic	100 $\mu\text{L}$
	5-20 $\mu\text{m}$	PE	hydrophobic	200 $\mu\text{L}$   300 $\mu\text{L}$
	18-40 $\mu\text{m}$	PE	hydrophobic	1000 $\mu\text{L}$   1250 $\mu\text{L}$

# Ordering information

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® FT 10 µL	31.20 mm	clear			bag	case / 20 x 1000 tips	2-002-81-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	2-003-C5-0
 AHN myTip® FT 10 µL XL	45.80 mm	clear			bag	case / 20 x 1000 tips	2-062-81-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	2-063-C5-0
 AHN myTip® FT 20 µL	53.40 mm	clear			bag	case / 10 x 1000 tips	2-117-80-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	2-118-C5-0
 AHN myTip® FT 100 µL	53.40 mm	clear			bag	case / 10 x 1000 tips	2-119-80-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	2-120-C5-0
 AHN myTip® FT 200 µL	53.40 mm	clear			bag	case / 10 x 1000 tips	2-127-80-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	2-128-C5-0
 AHN myTip® FT 300 µL	59.35 mm	clear			bag	case / 10 x 1000 tips	2-134-80-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	2-135-C5-0
 AHN myTip® FT 1000 µL	84.30 mm	clear			bag	case / 10 x 1000 tips	2-202-80-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	2-203-C4-0
 AHN myTip® FT 1250 µL	97.60 mm	clear			bag	case / 10 x 1000 tips	2-204-80-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	2-205-C4-0



# ahn myTip LT | LFT



## Low Retention Tips | Filter Tips

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**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)

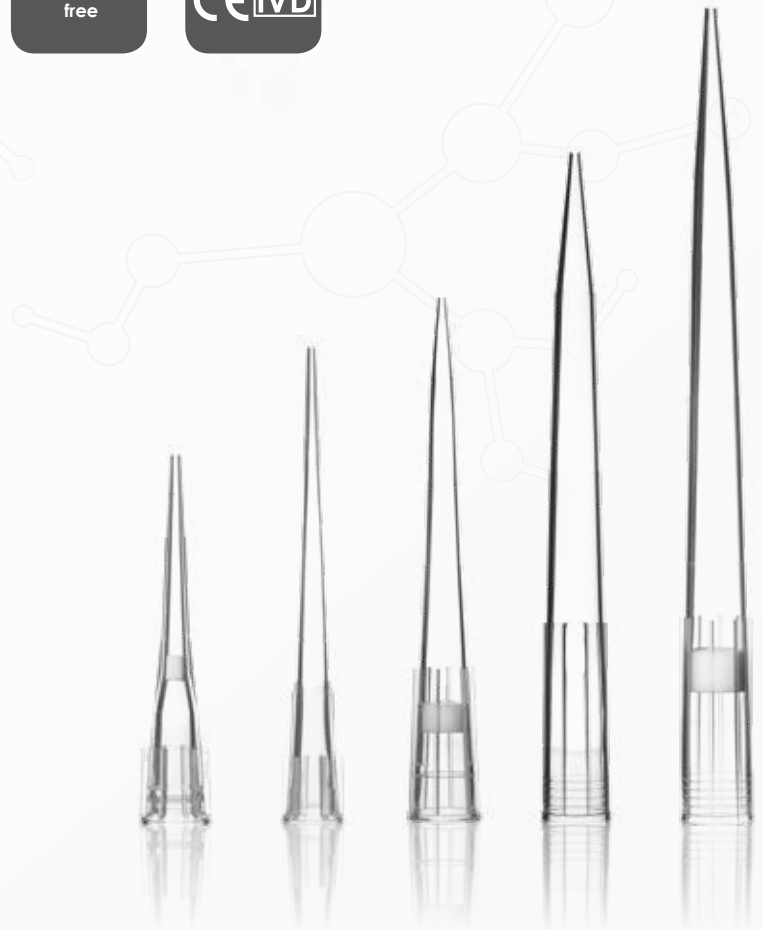
**No sample contamination** - filters are made of virgin high quality hydrophobic polyethylene without additives

**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  $\mu\text{m}$ )

**Easy identification of pipette tip** - colour coded racks allow a quick and easy determination of the pipette tip and the suitable pipette

**Versions** - available in bags and rack boxes

**Compatibility list** available on request





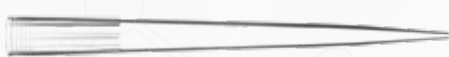
Standard Tip





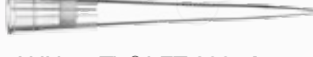





AHN myTip® LT | LFT  
Low Retention Tips | Filter Tips



# Ordering information

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® LT 10 µL	31.20 mm	clear			bag	case / 20 x 1000 tips	4-002-81-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	4-003-C5-0
 AHN myTip® LT 10µL XL	45.80 mm	clear			bag	case / 20 x 1000 tips	4-062-81-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	4-063-C5-0
 AHN myTip® LT 200 µL	53.40 mm	clear			bag	case / 30 x 1000 tips	4-121-86-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	4-122-C5-0
 AHN myTip® LT 300 µL	59.35 mm	clear			bag	case / 10 x 1000 tips	4-127-80-0
		clear	■	■	racked	case / 5 x 10 x 96 tips	4-128-C5-0
 AHN myTip® LT 1000 µL	84.30 mm	clear			bag	case / 10 x 1000 tips	4-202-80-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	4-203-C4-0
 AHN myTip® LT 1250 µL	97.60 mm	clear			bag	case / 10 x 1000 tips	4-204-80-0
		clear	■	■	racked	case / 4 x 8 x 96 tips	4-205-C4-0

Volume	Length	Colour Tip	Colour Code	Sterilised	Pack Type	Sales Unit	Cat. No.
 AHN myTip® LFT 10 µL	31.20 mm	clear	■	■	racked	case / 5 x 10 x 96 tips	5-003-C5-0
 AHN myTip® LFT 10 µL XL	45.80 mm	clear	■	■	racked	case / 5 x 10 x 96 tips	5-063-C5-0
 AHN myTip® LFT 20 µL	53.40 mm	clear	■	■	racked	case / 5 x 10 x 96 tips	5-118-C5-0
 AHN myTip® LFT 100 µL	53.40 mm	clear	■	■	racked	case / 5 x 10 x 96 tips	5-120-C5-0
 AHN myTip® LFT 200 µL	53.40 mm	clear	■	■	racked	case / 5 x 10 x 96 tips	5-128-C5-0
 AHN myTip® LFT 300 µL	59.35 mm	clear	■	■	racked	case / 5 x 10 x 96 tips	5-135-C5-0
 AHN myTip® LFT 1000 µL	84.30 mm	clear	■	■	racked	case / 4 x 8 x 96 tips	5-203-C4-0
 AHN myTip® LFT 1250 µL	97.60 mm	clear	■	■	racked	case / 4 x 8 x 96 tips	5-205-C4-0



# Compatibility Chart

Product Code of Tips	Volume	CAPP		Sartorius		Brand		Eppendorf		Fimmpipette		Gilson Pipetman		Rainin		VWR, Labnet, HTL	
		CAPP Bravo, ecopipette and CAPP Aero Single Channel	CAPP electronic pipettes and CAPP Aero Multi Channel	EinE   ProLine® Plus   mL   LINE	Biohit	Transferpipette®	Research® plus	Fimmpipette Digital	Gilson Pipetman	Rainin Classic, universal shaft (non LFS)	mechanical pipettes						
AHN myTip® Pipette Tips																	
1-002-81-0	AHN myTip® 10 µL, clear																
1-002-C5-0	AHN myTip® 10 µL, clear																
1-003-C5-0	AHN myTip® 10 µL, clear, sterile																
1-062-81-0	AHN myTip® 10 µL, XL, clear																
1-062-C5-0	AHN myTip® 10 µL, XL, clear																
1-063-C5-0	AHN myTip® 10 µL, XL, sterile																
1-121-86-0	AHN myTip® 200 µL, clear																
1-121-C5-0	AHN myTip® 200 µL, clear																
1-222-C5-0	AHN myTip® 200 µL, clear, sterile																
1-121-86-1	AHN myTip® 200 µL, yellow																
1-121-C5-1	AHN myTip® 200 µL, yellow																
1-122-C5-1	AHN myTip® 200 µL, yellow, sterile																
1-127-80-0	AHN myTip® 300 µL, clear																
1-127-C5-0	AHN myTip® 300 µL, clear																
1-128-C5-0	AHN myTip® 300 µL, clear, sterile																
1-130-70-0	AHN myTip® Geloader 200 µL, clear																
1-130-C4-0	AHN myTip® Geloader 200 µL, clear																
1-131-C4-0	AHN myTip® Geloader 200 µL, clear, sterile																
1-209-80-2	AHN myTip® 1000 µL, short, clear blue																
1-202-80-0	AHN myTip® 1000 µL, clear																
1-202-C4-0	AHN myTip® 1000 µL, clear																
1-203-C4-0	AHN myTip® 1000 µL, clear, sterile																
1-202-80-2	AHN myTip® 1000 µL, blue																
1-202-C4-2	AHN myTip® 1000 µL, blue																
1-203-C4-2	AHN myTip® 1000 µL, blue, sterile																
1-204-80-0	AHN myTip® 1250 µL, clear																
1-204-C4-0	AHN myTip® 1250 µL, clear																
1-205-C4-0	AHN myTip® 1250 µL, clear, sterile																
AHN myTip® Mat Macro Tips																	
1-218-61-0	AHN myTip® Mat 5 mL, clear																
1-222-61-0	AHN myTip® Mat 5 mL, clear, sterile																
1-212-84-0	AHN myTip® Mat 5.5 mL, clear																
1-216-84-0	AHN myTip® Mat 5.5 mL, clear, sterile																
1-220-50-0	AHN myTip® Mat 10 mL, clear																
1-224-50-0	AHN myTip® Mat 10 mL, clear, sterile																

■ compatible

# Compatibility Chart

Product Code of Tips	Volume	CAPP		Sartorius		Brand		Eppendorf		Finnpipette		Gilson Pipetman		Rainin		VWR, Labnet, HTL	
		CAPP Bravo, ecopipette and CAPP Aero Single Channel	CAPP electronic pipettes and CAPP Aero Multi Channel	Bohit Eline   Prolime® Plus   mLINE	Transfepipette®	Research® plus	Finnpipette Digital	Gilson Pipetman	Rainin Classic, universal shaft (non US)	mechanical pipettes							
<b>AHN myTip® FT Pipette Filter Tips</b>																	
2-002-81-0	AHN myTip® FT 10 µL, clear																
2-003-C5-0	AHN myTip® FT 10 µL, clear, sterile																
2-062-81-0	AHN myTip® FT 10 µL XL, clear																
2-063-C5-0	AHN myTip® FT 10 µL XL, clear, sterile																
2-117-80-0	AHN myTip® FT 20 µL, clear																
2-118-C5-0	AHN myTip® FT 20 µL, clear, sterile																
2-119-80-0	AHN myTip® FT 100 µL, clear																
2-120-C5-0	AHN myTip® FT 100 µL, clear, sterile																
2-127-80-0	AHN myTip® FT 200 µL, clear																
2-128-C5-0	AHN myTip® FT 200 µL, clear, sterile																
2-134-80-0	AHN myTip® FT 300 µL, clear																
2-135-C5-0	AHN myTip® FT 300 µL, clear, sterile																
2-202-80-0	AHN myTip® FT 1000 µL, clear																
2-203-C4-0	AHN myTip® FT 1000 µL, clear, sterile																
2-204-80-0	AHN myTip® FT 1250 µL, clear																
2-205-C4-0	AHN myTip® FT 1250 µL, clear, sterile																
<b>AHN myTip® LT Low Retention Pipette tips</b>																	
4-002-81-0	AHN myTip® LT 10 µL, clear																
4-003-C5-0	AHN myTip® LT 10 µL, clear, sterile																
4-062-81-0	AHN myTip® LT 10 µL XL, clear																
4-063-C5-0	AHN myTip® LT 10 µL XL, clear, sterile																
4-121-86-0	AHN myTip® LT 200 µL, clear																
4-122-C5-0	AHN myTip® LT 200 µL, clear, sterile																
4-127-80-0	AHN myTip® LT 300 µL, clear																
4-128-C5-0	AHN myTip® LT 300 µL, clear, sterile																
4-202-80-0	AHN myTip® LT 1000 µL, clear																
4-203-C4-0	AHN myTip® LT 1000 µL, clear, sterile																
4-204-80-0	AHN myTip® LT 1250 µL, clear																
4-205-C4-0	AHN myTip® LT 1250 µL, clear, sterile																
<b>AHN myTip® LFT Low Retention Pipette Filter Tips</b>																	
5-003-C5-0	AHN myTip® LFT 10 µL, clear, sterile																
5-063-C5-0	AHN myTip® LFT 10 µL XL, clear, sterile																
5-118-C5-0	AHN myTip® LFT 20 µL, clear, sterile																
5-120-C5-0	AHN myTip® LFT 100 µL, clear, sterile																
5-128-C5-0	AHN myTip® LFT 200 µL, clear, sterile																
5-135-C5-0	AHN myTip® LFT 300 µL, clear, sterile																
5-203-C4-0	AHN myTip® LFT 1000 µL, clear, sterile																
5-205-C4-0	AHN myTip® LFT 1250 µL, clear, sterile																

■ compatible



# ahn myTip<sup>®</sup> RB



## Rack Box System without Tips

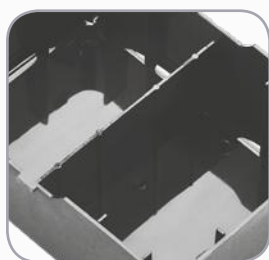
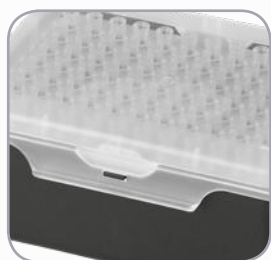
12

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

**Universal fit** - suitable for multichannel pipettes (standard 9 mm SBS footprint)

**Easy identification of pipette tip** - colour coded insert plates allow for quick and easy identification of the pipette tip volume

**Rack boxes** available in small and large size / racks in 8 x 12 format



metal free



## Ordering information

Volume		Colour	Sales Unit	Cat. No.
AHN myTip <sup>®</sup> RB for tips 10 µL/10 µL XL		clear black (RB) / light grey (I)*	case / 5 x 10 rack boxes	4-500-C5-E
AHN myTip <sup>®</sup> RB for tips 200 µL/300 µL		clear black (RB) / yellow (I)*	case / 5 x 10 rack boxes	4-501-C5-E
AHN myTip <sup>®</sup> RB for tips 200 µL Gelloader		clear black (RB) / yellow (I)*	case / 4 x 8 rack boxes	4-502-C4-E
AHN myTip <sup>®</sup> RB for tips 1000 µL		clear black (RB) / blue (I)*	case / 4 x 8 rack boxes	4-503-C4-E
AHN myTip <sup>®</sup> RB for tips 1250 µL		clear black (RB) / blue (I)*	case / 4 x 8 rack boxes	4-504-C4-E

\*RB - Rack Box | I - Insert Plate

# ahn myTube PCR



PCR Tubes 0.1 mL | 0.2 mL

**Elimination of contamination and loss of sample** - high quality raw material meets standards of purity, 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 the 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



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V-shaped bottom



Flat cap design

## Ordering information

Volume	Height	Colour	Sterilised	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
		clear	■	bag	10x1000	3-011-80-0

metal free

autoclavable  
121°C  
15 min



# ahn myTube PCR



PCR Strips 8 x 0.1 mL | 8 x 0.2 mL

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**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

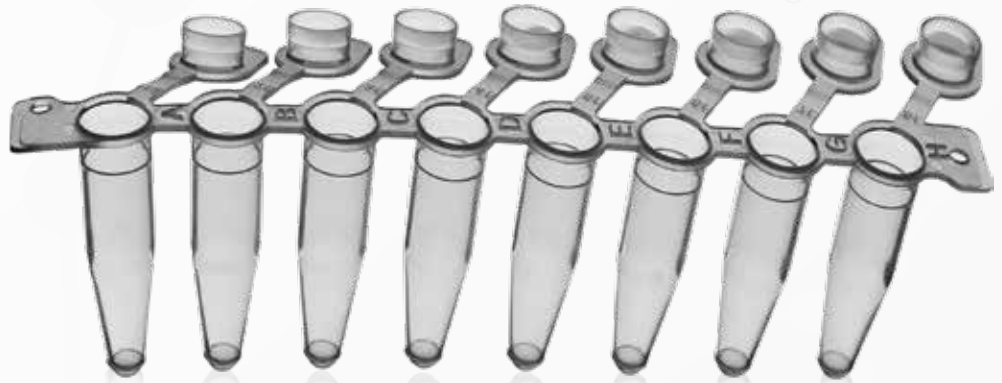
**Sterile handling** - each lot is manufactured under strict sterile conditions

**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	Pack Type	Sales Unit	Cat. No.
8 x 0.1 mL, without cap		16.6 mm	clear	bag	15x120	3-036-00-0
8 x 0.1 mL, with cap		16.6 mm	clear	bag	8x120	3-036-02-0
8 x 0.2 mL, without cap		21.8 mm	clear	bag	20x120	3-035-00-0
8 x 0.2 mL, with cap		21.8 mm	clear	bag	8x120	3-035-02-0
Strip of 8 caps			clear	bag	30x120	3-035-01-0



# ahn myPlate PCR

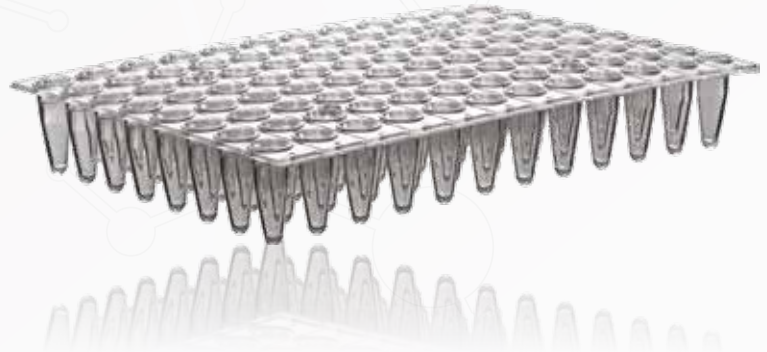


PCR Plates 96 x 0.1 mL | 96 x 0.2 mL

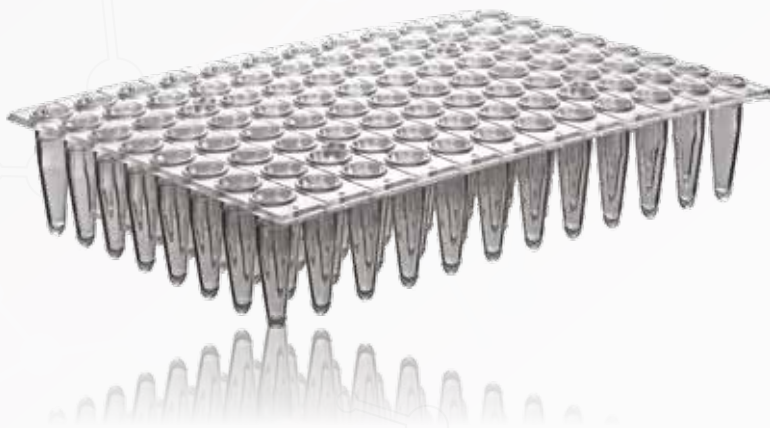
**Non-skirted** - for optimal fit in various thermocyclers /can be easily cut into 16, 24, 32 or 48-well pieces

**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



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**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	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

Accessory		Pack Type	Sales Unit	Cat. No.
Optical disposable adhesive		bag	1x100	3-047-00-0



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# ahn myTube MCT



Micro Tubes 0.5 mL | 1.5 mL | 2.0 mL

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**Effortless and secure handling** - ergonomic cap design with hinge orientation nibs (1.5 mL / 2.0 mL) and safe click lock, allowing 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

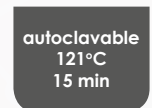
**Optical measurement** and unsurpassed clarity

**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)



## Ordering information

Volume	Height	Colour	Sterilised	Pack Type	Sales Unit	Cat. No.
0.5 mL 	31.6 mm	clear	■	bag	5x1000	3-116-C5-0
		clear		bag	16x500	3-205-80-0
1.5 mL 	40.9 mm	clear	■	bag	5x1000	3-207-C5-0
		black*		bag	16x500	3-205-80-7
2.0 mL 	41.7 mm	clear		bag	16x500	3-204-80-0
		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 3/4th turn closure enables 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)



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metal free

autoclavable 121°C 15 min



Non-skirted



Self-standing (skirted)

## Ordering information

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



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# ahn myTube | myPlate



## Filtration Systems

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### 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 2.0 mL receiver tube

**Elimination of contamination and loss of sample** - high quality raw material meets standards of purity, 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
<b>Glass fibre (GF) filter characteristics</b> - recommended for the purification of DNA and RNA /prefiltering of dirty solutions / rapid flow rate and high particle loading capacity	■	■
<b>Nylon filter characteristics</b> - recommended for filtering protein-free culture media /recommended for particle removing / hydrophilic / good chemical resistance		■
<b>Cellulose acetate (CA) filter characteristics</b> - very low binding affinity / recommended for applications requiring low protein binding / high flow rates / very low adsorption /hydrophobic	■	■
<b>Regenerated cellulose (RC) filter characteristics</b> - suitable for particle removal from solvents / used to ultraclean solutions / hydrophilic / very good chemical resistance	■	■
<b>Polyethylene (PE) filter characteristics</b> - 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	■	■
<b>Polyvinylidene fluoride (PVDF) filter characteristics</b> - used in general filtration and sample preparation applications / hydrophilic / low binding affinity / broad chemical and temperature resistance / high flow rates	■	■

# Ordering information



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/filter ring	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 - spin column 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 - individual components spin column system	Colour	Pack Type	Sales Unit	Cat. No.	
AHN Vacuum manifold, manual	⑦	clear	Carton	1x1	3-401-01-0



# ahn pipet4U pro

## Manual Single and Multi Channel Pipettes

20

**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

UV RESISTANT    CE IVD    2 YEARS WARRANTY    autoclavable 121°C 15 min



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%	8-208-20-9
	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












# Ordering information

## Manual multi channel pipettes, variable volume

Volume	Test volume	Increments	Inaccuracy <sup>1</sup>	Imprecision <sup>2</sup>	Cat. No.
0.5-10 µL	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	5 µL	0.50 µL	3.00%	2.00%	8-022-20-9
	25 µL		1.50%	1.00%	
	50 µL		1.00%	0.70%	
30-300 µL	30 µL	1.00 µL	1.50%	0.75%	8-023-20-9
	150 µL		1.00%	0.50%	
	300 µL		0.80%	0.25%	
0.5-10 µL	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	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	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

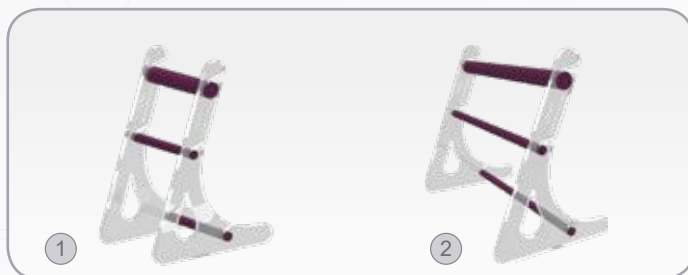
# ahn Pipette Stands

## Single and Multi Channel Pipettes

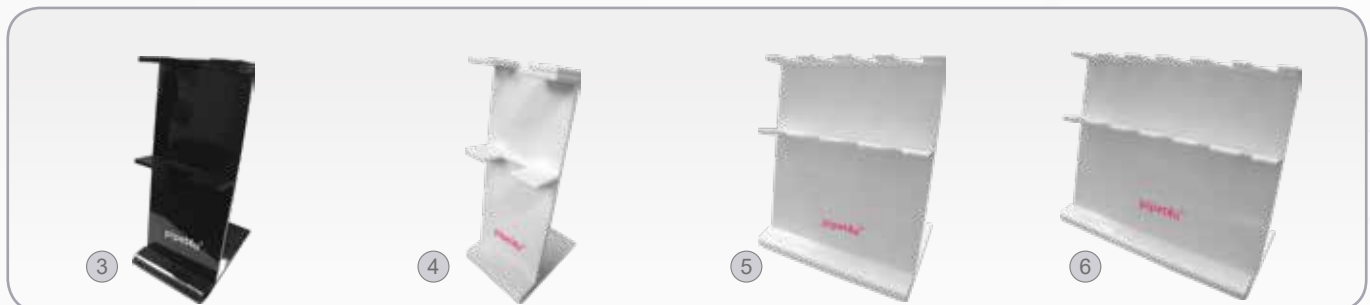
**Safe and effortless handling** - comfortable and reliable pipette storage/pipette stands can be easily assembled and disassembled for cleaning purposes

**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

24

**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



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

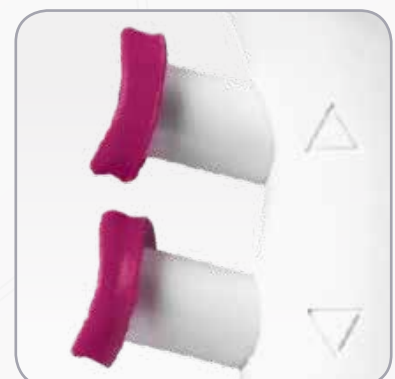
Description	Sales Unit	Cat. No.
pipet4u® Oasis Pipette Controller 0.1-100 mL	Carton/1 pc.	8-300-00-9

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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# ahn myLab MC-01

## Microcentrifuge 6000 rpm

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**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 samples through low heat generation and ultra-silent, vibration free operation

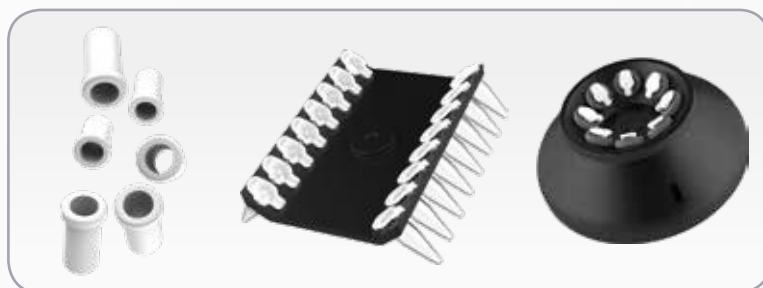
**Secure operation** - electronic brake for immediate stop on lid opening for increased user safety

**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

Specifications	
Noise level	< 55 db
Quick spin feature	yes, lid activated on/off
Power consumption	10 W
Dimensions (WxDxH)	162x157x155 mm

Delivery Package
1 pc. Microcentrifuge 6000 rpm
1 pc. 1.5 / 2.0 mL closed rotor
1 pc. PCR strip rotor
1 pc. T-Alen 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

# 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 50100 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 samples 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



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## Ordering information

Description	Cat. No.
AHN myLab® MC-02 Microcentrifuge 15000 rpm	7-001-01-0

Optional attachments	Cat. No.
PCR strip motor	CR-15-PCR

Specifications	
Noise level	< 60 db
Imbalance detection	yes, auto cut off
Timer setting	1 to 99 mins / infinite mode
Dimensions (WxDxH)	260x244x205 mm



PCR strip rotor

Delivery Package
1 pc. 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



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# ahn myLab CLC-01

## Clinical Centrifuge 4000 rpm

30

**Usage** - designed for blood centrifugation and other clinical applications

**Multiple rotor and tube options** - 6x10 mL (swing out rotor) / 8x15 mL (fixed angle rotor) / 16x10 mL (fixed angle rotor) / with each rotor, the appropriate tube adaptors, sleeves, spacers are included - 10 mL, 9 mL, 8 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 / quick spin feature



## Ordering information

Specifications					
<b>Rotor Type:</b> Swing out		<b>Rotor Type:</b> Fixed angle		<b>Rotor Type:</b> Fixed angle	
<b>Capacity:</b> 6x10 mL		<b>Capacity:</b> 8x15 mL		<b>Capacity:</b> 16x10 mL	
<b>Max RCF:</b> 2270 x g		<b>Max RCF:</b> 1950 x g		<b>Max RCF:</b> 2180 x g	
<b>Cat. No.:</b> CRC-4-6S		<b>Cat. No.:</b> CRC-4-8		<b>Cat. No.:</b> CRC-4-16	

Description	Cat. No.
AHN myLab® CLC-01 Clinical Centrifuge 4000 rpm	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	
Imbalance detection	yes, auto cut off
Timer setting	1-999 mins / infinite mode
Weight	7.7 kg (without rotor)
Dimensions (WxDxH)	355x415x173

AHN myLab CLC-01 Clinical Centrifuge 4000 rpm, is designed for processing blood and other clinical samples in applications like PRP, medical practitioners, pathological laboratories, as well as for routine hospital centrifuging test. In particular it is used for processing and analyzing samples from human body in in vitro diagnostic applications to ensure that in vitro diagnostic device can be used according to Directive 98/79/EC. Therefore AHN myLab CLC-01 Clinical Centrifuge 4000 rpm, and its accessories being in-vitro diagnostic accessories are themselves in-vitro diagnostic medical devices within the meaning of directive 98/79/EC of the European Parliament and of the Council of 27 October 1998 on in-vitro diagnostic medical devices.

# ahn myLab HC-02

## 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

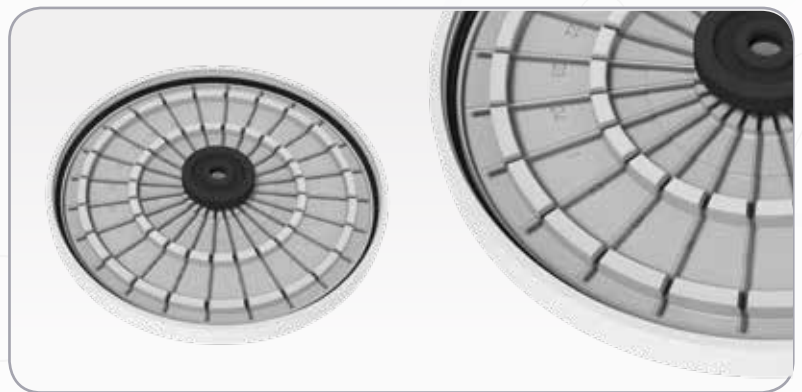
**User comfort** - big user-friendly display / last run memory function / preset feature where the user can set up their favorite mode and change the speed (RPM) and time

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

**Small footprint** - optimizing bench top space



31



24 slot capillary rotor

## Ordering information

Description	Cat. No.
AHN myLab® HC-01 Hematocrit Centrifuge 12000 rpm	7-020-00-0

Specifications	
Imbalance detection	yes, auto cut off
Timer setting	up to 12 mins
Weight	5.0 kg (without Rotor)
Dimensions (WxDxH)	301x363x105mm

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



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# ahn myLab VT-01

## Mini Vortex Mixer 4500 rpm

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**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	Cat. No.
AHN myLab® VT-01 Mini Vortex Mixer 4500 rpm	7-100-00-0

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)	100x100x67 mm
Weight	0.55 kg

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



# ahn myLab VT-02

## Vortex Mixer 2800 rpm

**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

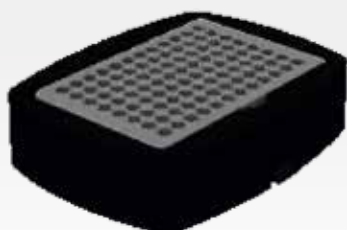
**Multiple applications** - optional attachments for micro plate, micro tubes and flask (\*only applicable in combination with the universal platform 7-110-01-0) /sticker for permissible speed for various attachments

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



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### Optional attachments\*



Foam for micro plate



Foam for micro tubes



Rubber holder for flask

## Ordering information

Description	Cat. No.
AHN myLab® VT-02 Vortex Mixer 2800 rpm	7-110-00-0

Specifications	
Orbital diameter	4 mm
Speed accuracy	± 5.0%
Max. loading capacity	500 g
Protection class	IP21
Power supply	220 240 VAC, 50 Hz
Dimensions (WxDxH)	205x136x138.5 mm
Weight	3.0 kg

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 micro tubes*	7-110-02-0
Foam for micro plate*	7-110-03-0
Rubber holder for flask*	7-110-04-0

\*only applicable in combination with the universal platform 7-110-01-0.



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# ahn myLab VT-03

## Digital Vortex Mixer 4200 rpm

34

**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

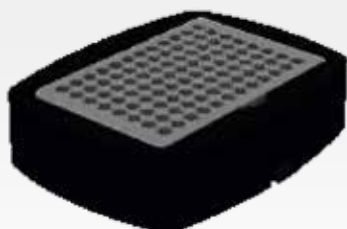
**Programmable pulse mode** - ON time and OFF time can be individually modified

**Multiple applications** - optional attachments for micro plate, micro tubes and flask (\*only applicable in combination with the universal platform 7-110-01-0) / sticker for permissible speed for various attachments

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



### Optional attachments\*



Foam for micro plate



Foam for micro tubes



Rubber holder for flask

## Ordering information

Description	Cat. No.
AHN myLab® VT-03 Digital Vortex Mixer 4200 rpm	7-120-00-0

Specifications	
Orbital diameter	4 mm
Different modes	touch, continuous
Speed setting	300-4200 rpm
Max. loading capacity	500 g
Dimensions (WxDxH)	205x136x138.5 mm
Weight	2.8 kg

\*only applicable in combination with the universal platform 7-110-01-0.

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 micro tubes*	7-110-02-0
Foam for micro plate*	7-110-03-0
Rubber holder for flask*	7-110-04-0

# ahn myLab TR-01

Tube Roller 30 rpm



35

**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	Cat. No.
AHN myLab® TR-01 Tube Roller 30 rpm	7-200-00-0

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)	475x201x80 mm
Weight	2.0 kg

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



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# ahn myLab TR-02

## Tube Rotator 30 rpm

36

**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	Cat. No.
AHN myLab® TR-02 Tube Rotator 30 rpm	7-210-00-0

Specifications	
Run time	Continuous / infinite
Noise level	Noiseless operation
Max. loading capacity	1.5 kg
Protection class	IP 21
Dimensions (WxDxH)	278x183x252 mm
Weight	1.7 kg

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

# 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



37

### Optional attachments\*



Plate 12 x 15 mL + 4 x 50 mL



Plate 22 x 15 mL

## Ordering information

Description	Cat. No.
AHN myLab® TR-03 Plate Rotator 30 rpm	7-220-00-0

Optional attachments	Cat. No.
Plate 12 x 15 mL + 4 x 50 mL	7-220-01-0
Plate 22 x 15 mL	7-220-02-0

Specifications	
Run time	Continuous / infinite
Noise level	Noiseless operation
Max. loading capacity	1.0 kg
Protection class	IP 21
Dimensions (WxDxH)	346x185x145 mm
Weight	2.5 kg

Delivery Package
1 pc. Plate Rotator 30 rpm
1 pc. Power supply adaptor
1 pc. Instruction manual
1 pc. Warranty card



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# ahn myLab SM-01

## Single Plate Magnetic Stirrer 1500 rpm

38

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

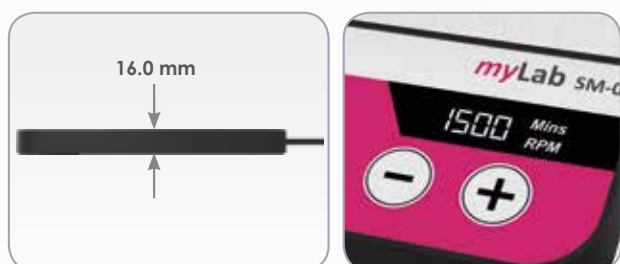
**Maximum speed** - from 15 to 1500 rpm with an interval of 50 rpm / Software driven gradual acceleration

**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		Cat. No.	Specifications	
AHN myLab® SM-01 Single Plate Magnetic Stirrer 1500 rpm		7-300-00-0	Max. stirring quantity	800 mL
			Recommended stir bar length	25 mm
Optional accessories		Cat. No.	Protection class	IP65
Magnetic stirring bar - PTFE coated, 25 x 8 mm		CRS-MAG	Dimensions (WxDxH)	20x164x16 mm
			Weight	400 g
Delivery Package				
1 pc. Magnetic Stirrer 1500 rpm				
1 pc. Stir bar (PTFE coated, 25 x 8 mm)				
1 pc. Instruction manual				
1 pc. Warranty card				

# ahn myLab SM-05/10/15

## Heated Magnetic Stirrer 1500 rpm

**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.
AHN myLab® SM-05 5-plate Heated Magnetic Stirrer 1500 rpm	7-305-00-0
AHN myLab® SM-10 10-plate Heated Magnetic Stirrer 1500 rpm	7-310-00-0
AHN myLab® SM-15 15-plate Heated Magnetic Stirrer 1500 rpm	7-315-00-0

Optional accessories	Cat. No.
Magnetic stirring bar - PTFE coated, 25 x 8 mm	CRS-MAG

Specifications			
Number of stirring positions	5	10	15
Max. stirring quantity	400 mL per position		
Recommended stir bar length	25 mm		
Protection class	IP42		
Dimensions (WxDxH)	136x562x75 mm	196x565x75 mm	282x568x76 mm
Weight	3.0 kg	5.0 kg	7.0 kg

Delivery Package
1 pc. Heated Magnetic Stirrer 1500 rpm
1 pc. Power cord
1 pc. Reference stirrer bar
1 pc. Instruction manual
1 pc. Warranty card



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