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# 2023 BENCHTOP CATALOGUE





For over twenty 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.

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 tip-lines, matching the strict standards of modern lab industry. Our goal is to offer the markets best value for money on pipette tips and other AHN products.

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

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

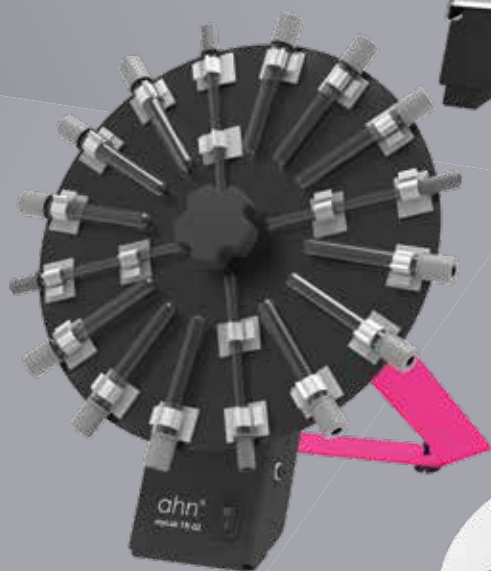
We invite you to explore the new AHN and discover a better way to source your laboratory equipment and consumables.

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



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## Microcentrifuge MC-01

**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

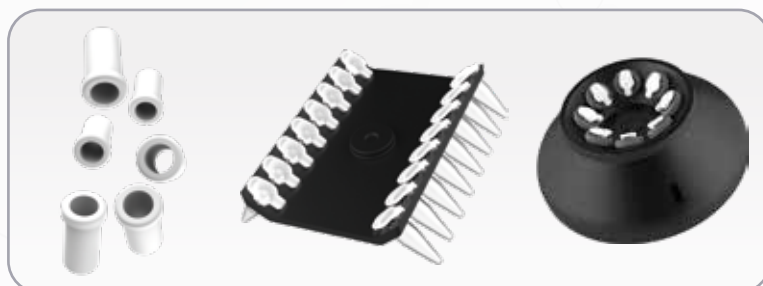
**Small footprint saves valuable bench space** - suitable for use in hoods and cold rooms

**Speed accuracy** +/- 100 rpm



6000 rpm

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## 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 (W x D x H)	162 x 157 x 155mm

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



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## High Speed Microcentrifuge MC-02

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

**Capacity** - twelve-place closed rotor suitable for 1.5 mL / 2.0 mL micro tubes

**Maximum Speed** - up to 15000 rpm / 15596 x g

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

**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 prevents lid from opening upon operation / imbalance detection / rotor with screw on lid to prevent contamination

**Small footprint** - optimising 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



6000 rpm

PCR strip rotor

## Ordering information

Description	Cat. No.
AHN myLab® MC-02 Microcentrifuge 15000 rpm	7-002-01-0

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

Delivery Package
1 pc. Microcentrifuge 15000 rpm
1 pc. Power supply adaptor
1 pc. 12 slot rotor (pre-installed)
1 pc. T-Allen key
12 pc. Reduction adaptors for 0.2 / 0.5 mL tube
1 pc. Instruction manual
1 pc. Warranty card

Specifications	
Maximum Volume	12x2 mL (micro tubes)
Speed Setting	500 to 15000 rpm
Maximum RCF	15596 x g
Speed Accuracy	± 100 rpm
Run Time	1 to 99 minutes & infinite mode
Acceleration time	60 ± 2 seconds
Deceleration time	50 ± 2 seconds
Size (LxWxH)	190 x 120 x 270mm
Weight	2.450 kg approx (with rotor)
Power Consumption	55 W

## Microplate Centrifuge MC-04

**Brushless DC Motor** - high-performance brushless DC motor provides greater longevity with its low-friction operation. The motor is tuned to achieve low-noise centrifugation with peak spin speeds of up to 2500 rpm and a maximum relative centrifugal force of 462g.

**Compact microplate centrifuge** - a small footprint of only 330 x 265mm minimises space uptake on laboratory workbenches while maximising the functionality of lab spaces. A measured height of 161mm provides greater clearance from overhead storage compartments for better space efficiency.

**Intuitive control panel** - front-facing digital control panel with a clean, intuitive button layout makes it easy for users to adjust operating parameters. Responsive, soft-touch buttons minimise the risk of finger fatigue, and a bright digital display makes it easy for users to see and adjust all operating variables.

**Modern microprocessor** - an advanced microprocessor provides superior accuracy and enhanced precision with each centrifugation cycle. The microprocessor also helps the centrifuge to remain in calibration for longer and integrates tightly with the control panel to provide users with reliable operating data through the digital display.

**High capacity sample processing** - with a base capacity of two microplates, users can spin up to 192 samples (96-well plates) or 768 samples (384-well plates) in one go. The larger sample capacity increases throughput and increases productivity for busy labs.

**Enhanced safety** - a lid lock mechanism prevents access to the rotor while it is spinning, protecting users from harm. Automatic imbalance detection prevents the centrifuge from running when an imbalanced load is detected, protecting the machine from damage.



2500 rpm

## Ordering information

Description	Cat. No.
AHN myLab® MC-04 Microplate Centrifuge	7-004-01-0

Delivery Package
1 pc. AHN myLab® MC-04 Microplate Centrifuge
1 pc. Instruction manual
1 pc. Warranty card

Specifications	
Dimensions (W x D x H)	330 x 265 x 161mm
Weight	4 kg (w/o rotor)
Motor type	Brushless DC motor
Speed setting	462 x G (max RCF) / 2500 rpm
Speed accuracy	±100 rpm
Humidity	80%
Acceleration time	30 + 5 seconds
Deceleration time	20 + 5 seconds
Electrical specifications	24V, 1.5A
Power consumption	24W
Maximum capacity	2 microplates (96 & 384 well)



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inspiring  
the next  
generation of  
life science  
technicians



# ahn myLab®

## Clinical Centrifuge CLC-02

**High-tech microprocessor** - Advanced microprocessor technology ensures dependable accuracy and precision with each spin cycle

**Intuitive user controls** - User-facing control panel provides quick access to all device features for quick and easy programming of the clinical centrifuge

**Maintenance-free DC motor** - Brushless DC motor with variable speeds provides reliable performance with minimum maintenance or downtime

**Combi rotor** - Convenient 8-slot rotor design fits 8 x 15 mL or 4 x 50 mL tubes at maximum capacity

**Excellent safety features** - Low noise, imbalance detection, and lid-lock safety mechanisms help to maintain an accident-free laboratory environment

**Compact and portable** - Space-saving centrifuge design takes up a small amount of the workbench while a lightweight chassis makes it easy to move from one point to another



4500 rpm

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## Ordering information

Specifications	
Display	Large, easy-to-read digital display
Motor type	Brushless DC motor
Rotor	Combi rotor
Rotor capacity	8 x 15 mL / 4 x 50 mL tubes
Relative Centrifugal Force	1985 x g (max.)
Speed settings	500 – 4500 rpm (max.)
Timer setting	1 – 99 mins and infinity
Noise level	< 60 dB
Device weight	4 kg (approx.)
Dimensions (W x D x H)	330 x 265 x 161mm
Lid-lock	Yes
Imbalance detection	Yes

Description	Cat. No.
AHN myLab® CLC-02 Clinical Centrifuge 4500 rpm	7-011-00-0

Delivery Package	
1 pc. Clinical centrifuge 4500 rpm	
1 pc. Power supply adaptor	
1 pc. T-Allen Key	
1 pc. 8-slots rotor (pre-installed)	
4 pcs. 15 mL Reduction Adaptors	
4 pcs. 15 mL Caps	
8 pcs. Reduction Adaptors & Rubber Caps	
1 pc. Instruction manual	
1 pc. Warranty card	



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## Hematocrit Centrifuge HC-01

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**Microprocessor control** - High-tech microprocessor ensures absolute precision and accuracy of operation for dependable centrifugation of blood samples

**Intuitive control panel** - Well designed control panel with large digital display and clearly labelled soft-touch buttons allow full control of all core functions of the hematocrit centrifuge

**Brushless DC motor** - Long-lasting, maintenance-free brushless DC motor with variable spin speeds and generating powerful centrifugal force

**Large capacity rotor** - 24-place centrifuge rotor accommodates 45mm and 75mm capillary tubes for high-volume sample processing

**Imbalance detection** - Automatic load imbalance detection warns operator and prevents the spin cycle from starting with an unbalanced load

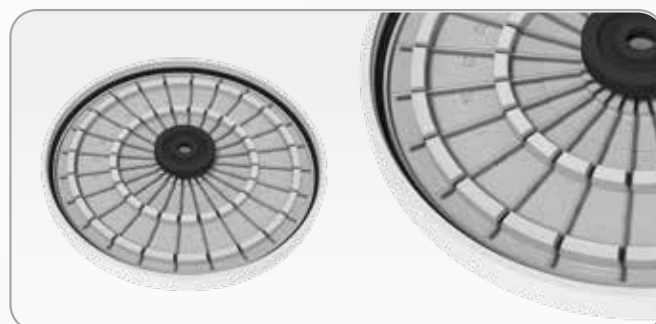
**Lid-lock** - Safety focused lid-lock feature protects users from injury by locking access to the rotor while it is still spinning

**Space saver** - Compact sized hematocrit centrifuge that occupies little workbench space without sacrificing performance.

**Lightweight** - Lightweight and robust construction materials allow for portability of the hematocrit centrifuge without posing ergonomic hazards



12000 rpm



24 slot capillary rotor

## Ordering information

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

Specifications	
Motor type	Brushless DC motor
Rotor capacity	24 capillary tubes (45mm / 75mm)
Relative Centrifugal Force	14118 x g (max.)
Speed settings	500 – 12000 rpm (max.)
Speed adjustment	±100 rpm
Timer setting	Up to 12 minutes
Device weight	4.3 kg (with rotor)
Dimensions (L x W x H)	330 x 265 x 161mm

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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## Refrigerated Centrifuge RC-01

**Intuitive control panel** - a large, easy-to-use digital display with its bright back-lit LCD panel provides a quick way to view and adjust key operational settings. Neatly arranged one-touch buttons surround the display and make it easy to adjust spin speed and time.

**Excellent thermal control** - ultra-low temperature settings can cool the rotor chamber down to -20°C with minimum temperature fluctuation ( $\pm 4^\circ\text{C}$ ) even at high speeds. A preset quick-cooling mode lowers the temperature of the rotor chamber to 4°C below ambient in a short time

**Brushless DC motor** - fine-tuned brushless DC motor provides silent operation at top-notch spin speeds of up to 15000 rpm. The brushless design lowers maintenance costs and gives long lasting performance

**Stable operation** - rubber feet and the high-tech motor minimise vibrations during centrifugation, keeping the centrifuge stable on the workbench at all times

**Universal rotor options** - 44-place (22388 x g) and 24-place (21420 x g) rotor options accommodating 1.5mL and 2mL microcentrifuge tubes. Further options are an 8-place (18462 x g) rotor for larger 5mL microcentrifuge tubes and a special PCR strip rotor (15397 x g).

**Excellent safety features** - a lid-lock safety mechanism prevents access to the rotor while it is spinning. Screw-on rotor lids keep tubes safely anchored in the rotor. A curved body reduces the incidence of injury when users accidentally bump into the centrifuge

**Imbalance detection** - electronic imbalance detection feature automatically detects load imbalances to protect the rotor and motor from damage

**Microprocessor control** - electronically controlled features provide unparalleled performance and allow user defined spinning programs



15000 rpm

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**CR-15-44**

Fix angle rotor for 44x 1.5mL/ 2.0mL MT, 22388 x g

**CR-15-24**

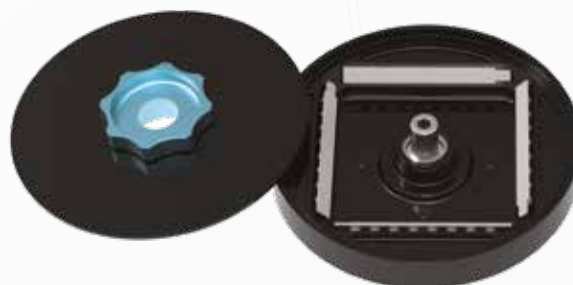
Fix angle rotor for 24x 1.5mL/ 2.0mL MT, 21420 x g

**CR-15-8**

Fix angle rotor for 8x 5.0mL MT, 18462 x g

**CR-15-4**

Fix angle rotor for 4 strips of 8x 0.2mL/ 0.5mL PCR tubes, 15397 x g



## Ordering information

Specifications	
Refrigeration Temp. Range	Down to -20°C
Speed Range	500-15000 rpm
Time Settings	30 sec. – 999 min. or infinite
Display	Large Back Lit LCD
Programmable Feature	Up to 99 user-defined programs of 4 lines each
Lid Lock Safety Feature	Yes
Imbalance Detection	Yes
Dimensions (L x W x H)	452 x 314 x 278mm
Weight	43 kg (incl. rotor)

Description	Cat. No.
AHN myLab® RC-01 Refrigerated Centrifuge (without rotor)	7-040-00-0
Fix angle rotor for 44x 1.5mL/ 2.0mL MT, 22388 x g	CR-15-44
Fix angle rotor for 24x 1.5mL/ 2.0mL MT, 21420xg	CR-15-24
Fix angle rotor for 8x 5.0mL MT, 18462 x g	CR-15-8
Fix angle rotor for 4 strips of 8x 0.2mL/ 0.5mL PCR tubes, 15397 x g	CR-15-4

### Delivery Package

1 pc. Refrigerated Centrifuge (without rotor)

1 pc. Instruction manual

1 pc. Warranty card



## Universal Centrifuge UC-01

**Wide range of rotor options** guarantee the most versatile scope of application

**User-friendly interface** - program the device according to your specific needs.

**Brushless DC motor technology** sustains durability and high performance over many years of use

**Adjustable speeds** - ranging from 500 to 4500 rpm

**Multiple rotor options** - with both swing-out and fixed angle rotors

**Large digital display** - visualises multiple parameters in a clear, comfortable way

**9 acceleration and 9 deceleration modes** - enabling you to start and stop the device without disturbing fragile samples

**Adjustable timer** - can be set from 1 to 999 minutes, or the infinite centrifugation mode which has no time limitation

**Excellent user safety** - thanks to the electronic imbalance detection feature, which is activated by uneven loading of samples

**Lid Lock Safety Break** - ensures the lid remains closed until the rotor has fully stopped. The Emergency Lid Release only allows you to open the device once electricity supply has been removed

**Short spin feature** - ensures the ultimate performance for ultra-short centrifugation and pelleting. The stainless steel chamber rotor is fully corrosion-free and easy to clean

**Intelligently designed airflow system** prevents increase in sample temperature.

**Small footprint** - uses minimal bench space while offering powerful and efficient centrifugation and maintaining a high performance



4500 rpm

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### Specifications

Speed Range	500 - 4500 rpm / (g) varies per rotor type
Motor Type	Brushless DC motor (BLDC)
Remote Operation	Yes, via USB
Display	Yes, large LED Display
Timer Setting	from 1 to 999 mins or infinite mode
Programmable	Yes, up to 99 programs
Imbalance Detection	Yes
Rotors (optional)	Multiple rotor options (swing-out and fixed angle rotors)
Dimensions (W x D x H)	595 x 436 x 311mm
Weight	23 kg (without rotor)



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**CR-43-100**

4 x 100 mL swing rotor  
with Bio Safety Cap,  
RCF 3164 x g

**CR-43-50**

6 x 50 mL swing rotor with  
stainless steel tubes, RCF  
3530 x g

**CR-43-15**

16 x 15 mL swing rotor  
with stainless steel tubes,  
RCF 3485 x g

**CR-43-PL**

2 x microplates swing  
rotor, RCF 2355 x g

**CR-43-100F**

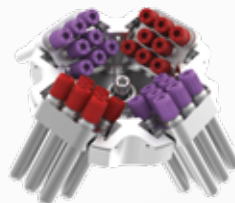
4 x 100 mL fixed angle  
rotor, RCF 2559 x g

**CR-43-15F-24**

24 x 15 mL fixed angle  
rotor, RCF 2852 x g

**CR-43-15F-16**

16 x 15 mL fixed angle  
rotor, RCF 3144 x g

**CR-43-06**

32 x 6 mL swing rotor,  
RCF 3164 x g

## Ordering information

Description	Cat. No.
AHN myLab® UC-01 Universal Centrifuge 4500 rpm	7-030-00-0
4x100 mL swing rotor with Bio Safety Cap, RCF 3164 x g	CR-43-100
6x50 mL swing rotor with stainless steel tubes, RCF 3530 x g	CR-43-50
16x15 mL swing rotor with stainless steel tubes, RCF 3485 x g	CR-43-15
2 x Microplates Swing rotor, RCF 2355 x g	CR-43-PL
4x100 mL Fix angle rotor, RCF 2559 x g	CR-43-100F
24x15 mL Fix angle rotor, RCF 2852 x g	CR-43-15F-24
16x15 mL Fix angle rotor, RCF 3144 x g	CR-43-15F-16
32x6 mL swing rotor, RCF 3164 x g (includes 32x6 mL stainless steel tubes, dia.13mm, length 100mm)	CR-43-06

Important note: Each rotor has a range of optional tube adaptors.  
Please contact [info@cappahn.com](mailto:info@cappahn.com) to get the full overview of all adaptors that are available.

# ahn myLab®

## Mini Vortex Mixer VT-01

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

**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



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4500 rpm



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	30mm
Orbital diameter	4.5mm
Max. loading capacity	500 g
Press activation	yes
Protection class	IP 43
Dimensions (W x D x H)	100 x 100 x 67mm
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



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## Vortex Mixer VT-02 | VT-03

**Usage** – comfortable everyday mixing operations

**Maximum Speed** – adjustable up to 2800 rpm (7-110-00-0) / 4200 rpm (7-120-00-0)

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

**Stable operation** – inbuilt counter balance system

**Digital display (VT-03)** - adjustable speed setting with interval of 10rpm and time setting from 0-999 mins / displays speed and time alternatively every 5 seconds

**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

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

**Small footprint saves valuable bench space** – for use in hoods in the temperature range of 5 to 40°C

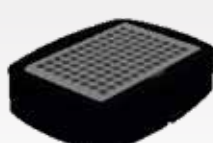


4200 rpm

### Optional attachments\*



Foam for  
microtubes



Foam for  
micro plate



Rubber holder  
for flask

## Ordering information

Description	Cat. No.
AHN myLab® VT-02 Vortex Mixer 2800 rpm	7-110-00-0
AHN myLab® VT-03 Digital Vortex Mixer 4200 rpm	7-120-00-0

Delivery Package
1 pc. Vortex Mixer
1 pc. Power supply adaptor
1 pc. Standard cup head (pre-installed)
1 pc. Rubber disc attachment
1 pc. Instruction manual
1 pc. Warranty card

### Specifications

Orbital diameter	4mm
Different modes	touch, continuous
Speed accuracy	± 5.0%
Max. loading capacity	500 g
Protection class	IP21
Power supply	220, 240 VAC, 50 Hz
Dimensions (W x D x H)	205 x 136 x 138.5mm
Weight	3.0 kg

Optional attachments*	Cat. No.
Universal platform	7-110-01-0
Foam for micro tubes*	7-110-02-0
Foam for micro plates*	7-110-03-0
Rubber holder for flask*	7-110-04-0
Round disk attachment	CRV-30XC-RA

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



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## Single Plate Magnetic Stirrer SM-01

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

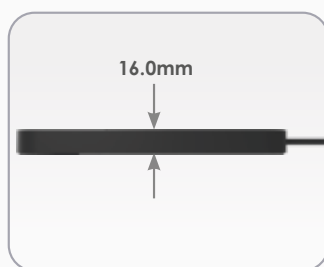
**Maximum speed** - from 15 to 1500 rpm with an interval of 50 rpm / software-driven gradual acceleration

**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 16.0mm thick) / flat surface enables easy wiping and cleaning



1500 rpm

## Ordering information

Description	Cat. No.
AHN myLab® SM-01 Single Plate Magnetic Stirrer 1500 rpm	7-300-00-0

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

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

Specifications	
Max. stirring quantity	800 mL
Recommended stir bar length	25mm
Protection class	IP65
Dimensions (L x W x H)	156 x 110 x 13.2mm
Weight	400 g



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## Analogue Magnetic Stirrer SM-02

**Space efficient** - Magnetic stirrer with a compact design that fits perfectly in hoods, cabinets, cold rooms, and space restricted lab spaces.

**Large mixing capacity** - Handles liquids of various viscosities with a class-leading mixing capacity of up to 10L and a long stir bar (25mm)

**Spacious set-up plate** - Large set-up plate accommodating a wide range of mixing containers from small beakers to large jars

**Powerful DC motor** - High-performance DC motor with variable speed control and minimum vibration during operation

**Easy cleaning** - Closed design with easy to clean surface minimises device maintenance and keeps it in a pristine condition for longer

**Robust design** - IP 42 compliant design minimises ingress of liquids ( $\leq 15^\circ$ ), and other particulate materials ( $\geq 1\text{mm}$ ) for longer lasting performance.

**Portable weight** - Compact size and ultra-lightweight design allows easy movement of the magnetic stirrer from one station to another without causing fatigue

**Eye-catching colours** - Vibrant combination of AHN brand colours for an eye-catching dash of beauty to any work surface



2200 rpm

## Ordering information

Description	Cat. No.	Specifications	
AHN myLab® SM-02 Analogue Magnetic Stirrer without heating, 10L	7-300-01-0	Mixing capacity	10 L
<b>Delivery Package</b> 1 pc. Analogue Magnetic Stirrer without heating, 10L 1 pc. Stir bar (PTFE coated, 25 x 8mm) 1 pc. Instruction manual 1 pc. Warranty card		Motor type	DC Motor
		Operating speed	Variable (400 – 2200 rpm)
		Set-up plate dimensions	140 x 140mm
		Device weight	1.5 kg
		Dimension (L x W x H)	230 x 150 x 78mm
		Stir bar length	25mm
		IP class	IP 42

## Heated Magnetic Stirrer SM-05 | SM-10 | SM-15

**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



1500 rpm

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## 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 8mm	CRS-MAG

Specifications			
Number of stirring positions	5	10	15
Max. stirring quantity	400 mL per position		
Recommended stir bar length	25mm		
Protection class	IP42		
Dimensions (W x D x H)	136 x 562 x 75mm	196 x 565 x 75mm	282 x 568 x 76mm
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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## Analogue Magnetic Stirrer with Heating SMH-01

**Usage** - mixing reagents in research laboratories, schools and universities, chemical and pharmaceutical companies

**High heat capacity** - exceptionally high temperature maximum of 320°C with even temperature distribution across the plate surface

**Maximum Speed** - quiet servo DC motor with granular speed control ranging from 500 rpm to 2200 rpm

**Large plate capacity** - set-up plate accommodates a range of containers up to a maximum capacity of 10L

**Stable operation** - even weight distribution and rubberized feet for stable benchtop operation

**Space efficient design** - lightweight chassis (1.4 kg) and compact size that can fit in space-restricted settings such as hoods, cabinets and cold rooms

**Durable material construction** - corrosion-resistant, ceramic-coated set-up plates and IP21 compliant design for extended durability



2200 rpm

## Ordering information

Description	Cat. No.
AHN myLab® SMH-01 Analogue Magnetic Stirrer with heating 10L	7-300-01-H

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

Delivery Package
1 pc. Analogue Magnetic Stirrer with heating 10L
1 pc. Stir bar (PTFE coated, 25 x 8mm)
1 pc. Instruction manual
1 pc. Warranty card

Specifications	
Capacity	10 Litres
Motor Type	Servo DC
Temperature Range	Up to 320°C
Variable Speed	500 - 2200 rpm
Set-up plate Dimensions	140 x 140mm
Weight	1.4 kg
Dimension (W x D x H)	248 x 156 x 104mm
Protection Class	IP 21





**Usage** - the 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 benchtop 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 330mm
Max. loading capacity	1.5 kg
Protection class	IP 21
Dimensions (W x D x H)	475 x 201 x 80mm
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



## Tube Rotator TR-02

**Usage** - ideal for the processing of blood samples

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

**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



30 rpm

## 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 (W x D x H)	278 x 183 x 252mm
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

## Tube Rotator TR-03

**Usage** - ideal for the 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 kg

**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



30 rpm

23

## Ordering information

Description	Cat. No.
AHN myLab® TR-03 Tube Rotator 30 rpm	7-220-00-0
Plate 22 x 15 mL (included with TR-03)	7-220-02-0

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

Specifications	
Run time	Continuous / infinite
Noise level	Noiseless operation
Max. loading capacity	1.0 kg
Protection class	IP 21
Dimensions (W x D x H)	346 x 185 x 145mm
Weight	2.5 kg



Plate 22 x 15 mL



Plate 12 x 15 mL + 4 x 50 mL

### Delivery Package

- 1 pc. Tube Rotator 30 rpm
- 1 pc. Power supply adaptor
- 1 pc. Instruction manual
- 1 pc. Warranty card
- 1 pc. Plate 22 x 15 mL



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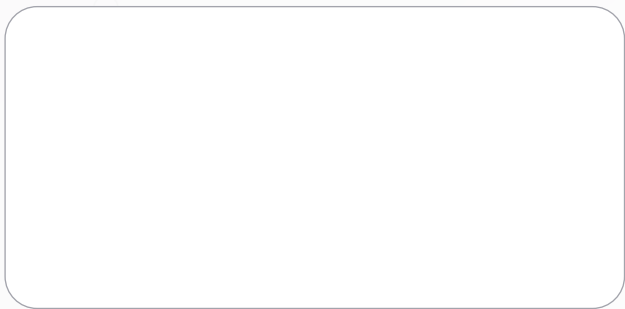
info@cappahn.com



www.ahn-bio.de



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# ahn

**AHN Biotechnologie GmbH**

Uthleber Weg 14  
99734 Nordhausen  
Germany

P: +49(0)3631/65242-0

F: +49(0)3631/65242-90

E: [info@cappahn.com](mailto:info@cappahn.com)

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

