

ahn[®]

2025

**BENCHTOP EQUIPMENT
CATALOGUE**





AHN Biotechnologie GmbH, is a trusted **German manufacturer of life sciences** consumables and benchtop equipment with over **25 years** of experience. Based in Nordhausen, our in-house automation expertise **reduces investment requirements** and saves costs and streamlines project timelines.

Our state-of-the-art facilities in Nordhausen operate around the clock and utilise advanced technologies, including robotic systems, to produce DNase- and RNase-free products. Our diamond-polished Swiss moulds ensure maximum sample recovery and **high-precision pipetting**. Our fully equipped tool room allows us to swiftly respond to the evolving needs of the industry. At AHN, we are committed to innovation, quality, and delivering excellence through our **German-made products**.



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Our Certifications

– Committed to Quality and Sustainability

At AHN Biotechnologie GmbH, we prioritise quality, sustainability, and compliance with international standards. Our certifications reflect our dedication to environmentally-conscious and precise operations:

- **Green Electricity Certificate:** Our entire production is powered by 100% green electricity, contributing actively to environmental protection and reducing our carbon footprint
- **Cleanroom Certificate:** We ensure production under stringent cleanroom conditions, with manufacturing in Cleanroom Class 7 and production in Cleanroom Class 9, meeting the highest quality standards
- **Grüner Punkt (Green Dot):** With the Green Dot certification, we emphasise sustainable packaging and recycling. We take responsibility for the environmentally-sound disposal and reuse of our products
- **ISO 9001:2015:** Our quality management system is certified according to the internationally-recognised ISO 9001:2015 standard, ensuring consistent quality and continuous process improvement

These certifications underline our commitment — products you can trust, manufactured with a respect for the environment and designed to exceed your expectations for quality.



Sustainability

At AHN Biotechnologie GmbH we model our commitment to sustainable production through our environmentally friendly manufacturing practices and products.

We have a wide range of sustainable laboratory consumables expertly crafted to help you reach your sustainability goals while practicing excellent science.

5

100%
electrical injection moulding

= 40% less electricity consumption
compared to hydraulic machines



100%
recycled plastic

in production of AHN rack boxes



100%
reusable racks

suitable for multiple
autoclaving cycles



65%
space saved

when using a reload system
- reducing packaging and transport



59%
plastic saved

when using a reload system



Zero
additional plastic ingredients

packs, inserts and reloads are made
entirely from recyclable polypropylene



Unlimited
upcycling options

for reusing tip racks as
storage solutions



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Benchtop Equipment

Inspiring the
next generation
of life science
technicians

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Microcentrifuge MC-01

Usage - particularly suitable for the 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

Speed accuracy +/- 300 RPM

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

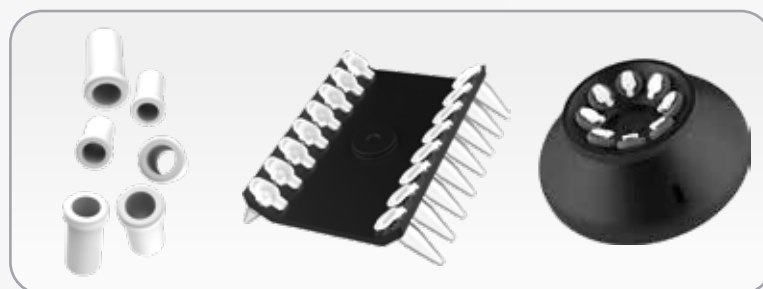
Unique closed rotor design - ensures better airflow through low-friction, stability for temperature sensitive samples through low heat generation and ultra-silent, vibration free operation

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, making it suitable for use in hoods and cold rooms



Ordering information

Description	Cat. No.
myLab [®] MC-01 Microcentrifuge 6000 RPM	7-000-01-0

Specifications	
Speed	6000 RPM / 2000 x g
Speed accuracy	± 300 RPM
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-Allen wrench
8 pcs. Individual adaptor for 0.1/0.2 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 0.1 mL / 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



Ordering information

Description	Cat. No.
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 MC-02 15000 RPM
1 pc. Power supply adaptor
1 pc. 12 slot rotor (pre-installed)
1 pc. T-Allen key
12 pc. Reduction adaptors for 0.1 mL / 0.2 mL / 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
Speed	15000 RPM / 15596 x g
Speed Accuracy	± 100 RPM
Run Time	1 to 99 minutes & infinite mode
Acceleration time	≤ 65 seconds
Deceleration time	≤ 55 seconds
Dimensions (WxDxH)	190x270x120 mm
Weight	2.45 kg approx (with rotor)
Power Consumption	55 W

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Microplate Centrifuge

Usage - is designed to accommodate 96/384 well PCR plates, for quick spin downs of samples in the wells / applied in molecular biology-/genomic-, proteomics-, diagnostic-, forensic laboratories.

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 - a small footprint of only 330 x 265 mm minimises space uptake on laboratory workbenches while maximising the functionality of lab spaces / a measured height of 161 mm 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 PCR plates, 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



Ordering information

Description	Cat. No.
myLab® MC-04 PCR Plate Centrifuge	7-004-01-0

Delivery Package

1 pc. PCR Plate Centrifuge MC-04
1 pc. PCR-Plate Rotator (pre-installed)
1 pc. Power adaptor
1 pc. T-Allen Key
1 pc. Instruction manual
1 pc. Warranty card

Specifications

Dimensions (WxDxH)	330x265x161 mm
Weight	4 kg (w/o rotor)
Motor type	Brushless DC motor
Speed	2500 RPM / 462 g (max. RCF)
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 pcs. PCR plates (96 & 384 well)



Clinical Centrifuge 4000 RPM CLC-01

Usage - is designed for separation and preparation of samples in various applications / with multiple rotor options, and maximum speed of 4000 RPM, the versatile CLC-01 accommodates a wide range of sample sizes

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 / speed range 500 to 4000 RPM

Precise operation - speed intervals of 10 RPM, starting from 500 RPM

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


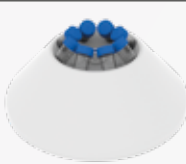
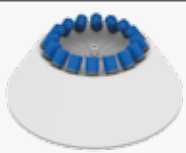
Increased user safety and comfort - automatic safety brake system preventing the lid from opening upon operation / imbalance detection

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

Description		Cat. No.	Delivery Package	
AHN myLab® CLC-01 Clinical Centrifuge 4000 RPM		7-010-00-0	1 pc. Clinical centrifuge 4000 RPM	
			1 pc. Power supply adaptor	
			1 pc. T-Allen Key	
			Reduction Adaptors	
			2x6 pcs. Tube holders	
			1 pc. Instruction manual	
			1 pc. Warranty card	

Specifications	
Imbalance detection	yes, auto cut off
Speed range	500 to 4000 RPM
Speed accuracy	± 10RPM
Timer setting	1-999 mins / infinite mode
Weight	8.2 kg (without rotor)
Dimensions (WxDxH)	381x480x185 mm

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Clinical Centrifuge 4500 RPM CLC-02

Usage - the centrifuge is design to separate, sediment, spin down aqueous solutions and solvent suspensions of different sensitivity

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



Ordering information

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

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

Specifications	
Motor type	Brushless DC motor
Speed	500 to 4500 RPM
Speed accuracy	± 100 RPM
Max. volume	4 x 50 mL tubes
Timer setting	1 – 99 mins and infinity
Noise level	≤ 62 dB (A)
Weight	4 kg (with rotor)
Dimensions (WxDxH)	330x265x161 mm
Lid-lock	Yes
Imbalance detection	Yes



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Hematocrit Centrifuge 12000 RPM HC-01

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

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 45 mm and 75 mm 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



24 slot capillary rotor

Ordering information

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

Specifications	
Motor type	Brushless DC motor
Rotor capacity	24 capillary tubes (45 mm / 75 mm)
Speed	12000 RPM / 14118 x g (max. RCF)
Speed accuracy	±100 RPM
Timer setting	Up to 12 minutes
Device weight	4.3 kg (with rotor)
Dimensions (WxDxH)	330x265x161 mm

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 15000 RPM RC-01

Usage - the centrifuge is design to separate, sediment, spin down aqueous solutions and solvent suspensions of different sensitiy

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 1.5 mL and 2 mL microcentrifuge tubes / further options are an 8-place (18462 x g) rotor for larger 5 mL microcentrifuge tubes and a special PCR strip rotor (15397 x g)

Select your rotor on the next page

Excellent safety features - lid-lock safety mechanism prevents access to the rotor whilst 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

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



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Specifications	
Motor Typ	Brushless DC
Temperature Range	-20°C to 40°C
Speed	500 to 15000 RPM / 22388 x g (max. RCF)
Speed accuracy	± 100 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 (WxDxH)	325x720x305 mm
Weight	43 kg



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CR-15-44

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

**CR-15-24**

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

**CR-15-8**

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

**CR-15-4**

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



Ordering information

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

Delivery Package
1 pc. Refrigerated Centrifuge (without rotor)
Adaptors for 0.4/0.5 mL tubes
Adaptors for 0.1/0.2 mL tubes
1 pc. T-Allen key
1 pc. Power cord
1 pc. Grease tube
1 pc. Instruction manual
1 pc. Warranty card

Important note: Each rotor has a range of optional tube adaptors. Please contact contact@ahn-bio.com to get the full overview of all adaptors that are available.

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Universal Centrifuge 4500 RPM UC-01

Usage - separation of particles / biological substances like cells, mammalian cells, organelles etc. from liquid suspension

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 99 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

Select your rotor on the next page



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Specifications	
Motor Type	Brushless DC motor (BLDC)
Speed Range	500 to 4500 RPM / (g) varies per rotor type
Display	Yes, large LED Display
Timer Setting	from 1 to 99 mins with infinite mode
Programmable	Yes, up to 99 programs
Imbalance Detection	Yes
Rotors (optional)	Multiple rotor options (swing-out and fixed angle rotors)
Dimensions (WxDxH)	595x436x311 mm
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-43-50-4 4 x 50 mL swing out rotor, with stainless steel tubes, RCF 3485 x g	 NEW PRODUCT
 NEW PRODUCT	CR-43-50-4F 4 x 50ml fixed angle rotor, with stainless steel tubes, RCF 2644 x g		CR-43-PL 2 x microplates swing rotor, RCF 2355 x g
CR-43-15 16 x 15 mL swing rotor with stainless steel tubes, RCF 3485 x g		CR-43-15F-24 24 x 15 mL fixed angle rotor, RCF 2852 x g	
	CR-43-100F 4 x 100 mL fixed angle rotor, RCF 2559 x g		CR-43-06 32 x 6 mL swing rotor, RCF 3164 x g
CR-43-15F-16 16 x 15 mL fixed angle rotor, RCF 3144 x g			

Ordering information

Description	Cat. No.
myLab® UC-01 Universal Centrifuge 4500 RPM	7-030-00-0
Optional Attachments	Cat. No.
4 x 100 mL swing rotor with Bio Safety Cap, RCF 3164 x g	CR-43-100
4 x 50 mL swing out rotor, with stainless steel tubes, RCF 3485 x g	CR-43-50-4
4 x 50 mL fixed angle rotor, with stainless steel tubes, RCF 2644 x g	CR-43-50-4F
2 x microplates swing rotor, RCF 2355 x g	CR-43-PL
16 x 15 mL swing rotor with stainless steel tubes, RCF 3485 x g	CR-43-15
24 x 15 mL fixed angle rotor, RCF 2852 x g	CR-43-15F-24
4 x 100 mL fixed angle rotor, RCF 2559 x g	CR-43-100F
32 x 6 mL swing rotor, RCF 3164 x g	CR-43-06
16 x 15 mL fixed angle rotor, RCF 3144 x g	CR-43-15F-16
Delivery Package	
1 pc. Universal Centrifuge	1 pc. Grease Tube
1 pc. Power cord	1 pc. User Manual
1 pc. T-Allen Key	1 pc. Warranty Card

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Mini Vortex Mixer 4500 RPM VT-01

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



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Soft silicone cup



Speed knob



Ordering information

Description	Cat. No.
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	100 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



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Vortex Mixer

2800 RPM VT-02 | 4200 RPM VT-03

Usage – comfortable everyday mixing operations

Maximum Speed – adjustable up to 2800 RPM (7-110-00-0) or 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 10 RPM 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

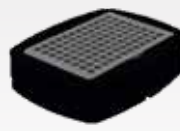
Small footprint saves valuable bench space – for use in hoods in the temperature range of 5 to 40°C



Optional attachments*



Foam for micro tubes



Foam for micro plate



Rubber holder for flask



Round disk attachment

Ordering information

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

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

Specifications	
Orbital diameter	4 mm
Different modes	touch, continuous
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

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

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Single Plate Magnetic Stirrer 1500 RPM SM-01

Usage - in laboratories, pharmaceutical industries, chemical industries

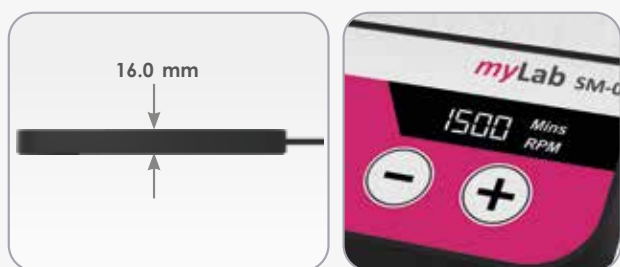
Maximum speed - from 15 to 1500 RPM with an interval of 50 RPM / software-driven gradual acceleration

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



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Ordering information

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

Optional accessories	Cat. No.
Magnetic stirring bar - PTFE coated, 25x8 mm	CRS-MAG

Delivery Package
1 pc. Magnetic Stirrer 1500 RPM
1 pc. Stir bar (PTFE coated, 25x8 mm)
1 pc. Instruction manual
1 pc. Warranty card

Specifications	
Max. stirring quantity	800 mL
Recommended stir bar length	25 mm
Protection class	IP65
Dimensions (WxDxH)	156x110x13.2 mm
Weight	400 g



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Analogue Magnetic Stirrer 2200 RPM SM-02

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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 (25 mm)

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 (≥ 1 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



Ordering information

Description		Cat. No.	Specifications	
myLab [®] SM-02 Analogue Magnetic Stirrer without heating, 10L		7-300-01-0	Mixing capacity	10 L
			Motor type	DC Motor
			Operating speed	Variable (400 – 2200 RPM)
			Set-up plate dimensions	140x140 mm
			Device weight	1.5 kg
			Dimension (WxDxH)	248x156x92 mm
			Stir bag length	25 mm
			IP class	IP 21
Delivery Package				
1 pc. Analogue Magnetic Stirrer without heating, 10L				
1 pc. Stir bar (PTFE coated, 25x8 mm)				
1 pc. Instruction manual				
1 pc. Warranty card				

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Heated Magnetic Stirrer 1500 RPM

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

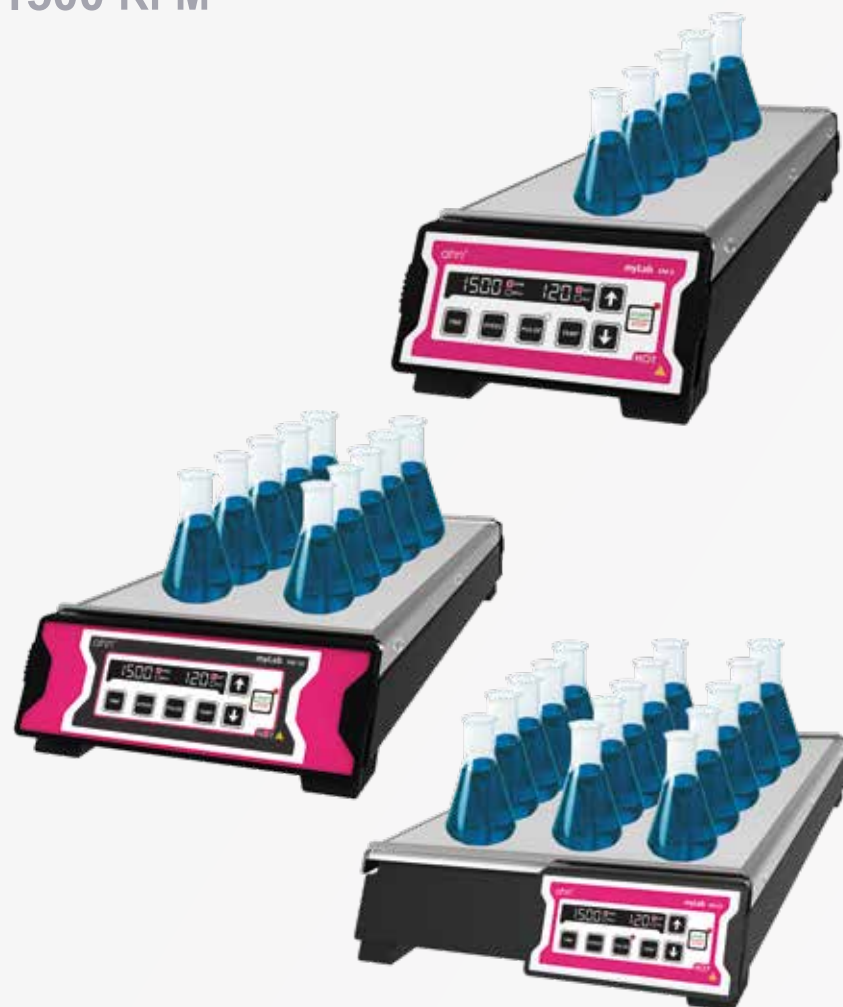
Multiple capacity options - 5, 10 or 15 flasks

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



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Ordering information

Description	Cat. No.
myLab® SM-05 5-plate Heated Magnetic Stirrer 1500 RPM	7-305-00-0
myLab® SM-10 10-plate Heated Magnetic Stirrer 1500 RPM	7-310-00-0
myLab® SM-15 15-plate Heated Magnetic Stirrer 1500 RPM	7-315-00-0

Optional accessories	Cat. No.
Magnetic stirring bar - PTFE coated, 25x8 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



+49(0)3631/65242-0



contact@ahn-bio.com



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Analogue Magnetic Stirrer with Heating 2200 RPM SMH-01

22

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 300 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 (2.0 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



Ordering information

Description	Cat. No.
myLab® SMH-01 Analogue Magnetic Stirrer with heating 10L	7-300-02-H
Optional accessories	Cat. No.
Magnetic stirring bar – PTFE coated, 25x8 mm	CRS-MAG
Delivery Package	
1 pc. Analogue Magnetic Stirrer with heating 10L	
1 pc. Stir bar (PTFE coated, 25x8 mm)	
1 pc. Instruction manual	
1 pc. Warranty card	

Specifications	
Capacity	10 Litres
Motor Type	Servo DC
Temperature Range	Ambient to 320°C
Variable Speed	300 - 2200 RPM
Set-up plate Dimensions	140x140 mm
Weight	2.0 kg
Dimension (WxDxH)	248x156x115 mm
Protection Class	IP 21

ahn® myLab

Tube Roller 30 RPM TR-01



23

Usage - the mixing of blood samples and viscous substances

Capacity - 9x5 mL tubes

Fixed speed - 30 RPM with an accuracy of ± 2 RPM

Optimal mixing - gentle rocking and rolling movements at a tilt angle of ± 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.
myLab® TR-01 Tube Roller 30 RPM	7-200-00-0

Specifications	
Run time	Continuous / infinite
Noise level	Noiseless operation
Roller size	30x330 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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