

# 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 sample through low heat generation and ultra-silent and vibration free operation

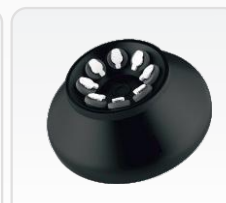
**Secure operation** - electronic brake for immediate stop on lid opening for increased user safety

**Durability** - robust construction / solid hinge and switch design

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

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

**Speed accuracy +/- 100 rpm**



## Ordering information

### Description

AHN myLab® MC-01 Microcentrifuge 6000 rpm

### Cat. No.

7-000-01-0

### Delivery package

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

### Specifications

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



# AHN myLab® MC-02

High Speed Microcentrifuge 15000 rpm

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

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

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

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

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

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

**Small footprint** - optimizing bench top space

**Multiple applications** - suitable for use in hoods or cold rooms

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

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



## Ordering information

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

Delivery package
1 pc. High speed microcentrifuge 15000 rpm
1 pc. Power supply adaptor
1 pc. 12-slot rotor (pre-installed)
1 pc. T-Allen key
1 pc. Reduction adaptors for 0.2/0.5 mL tubes
1 pc. Instruction manual
1 pc. Warranty card

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

Optional attachments	Cat. No.
PCR strip rotor	7-001-01-1



# AHN myLab® CLC-01

Clinical Centrifuge 4000 rpm

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**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 / short spin feature



## Rotor options

### Rotor type

Swing out

### Capacity

6x10 mL

### Max RCF

2270 x g

### Cat. No.

7-010-03-0



### Rotor type

Fixed angle

### Capacity

8x15 mL

### Max RCF

1950 x g

### Cat. No.

7-010-01-0



### Rotor type

Fixed angle

### Capacity

16x10 mL

### Max RCF

2180 x g

### Cat. No.

7-010-02-0



## Ordering information

### Description

AHN myLab® CLC-01 Clinical Centrifuge 4000 rpm

### Cat. No.

7-010-00-0

## Delivery package

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

## Specifications

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

AHN myLab 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-01

Hematocrit Centrifuge 12000 rpm

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

**Capacity** - 24 capillary tubes of 75 / 45 mm length

**Maximum Speed** - up to 12000 rpm / 14119 x g

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

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

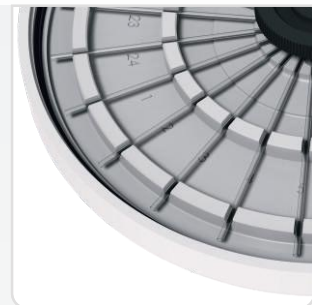
**User comfort** - big user-friendly display / last run memory function / preset feature where the user can set up their favorite mode and change the speed (RPM) and time

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

**Small footprint** - optimizing bench top space



24 slot capillary rotor



## Ordering information

### Description

AHN myLab® HC-01 Hematocrit Centrifuge 12000 rpm

### Cat. No.

7-020-00-0

### Delivery package

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

### Specifications

<b>Imbalance detection</b>	yes, auto cut off
<b>Timer setting</b>	up to 12 mins
<b>Weight</b>	5.0 kg (without Rotor)
<b>Dimensions (WxDxH)</b>	301 x 363 x 105 mm

# 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

AHN myLab® VT-01 Mini Vortex Mixer 4500 rpm

### Cat. No.

7-100-00-0

### Delivery package

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

### Specifications

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





# AHN myLab® VT-02

Vortex Mixer 2800 rpm

**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

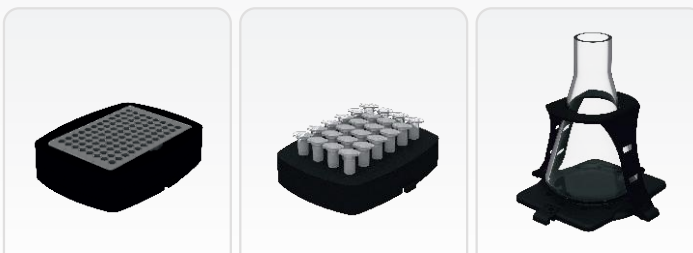
**Stable operation** - through inbuilt counter balance system

**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



Optional attachments \*



## Ordering information

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

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

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

Optional attachments	Cat. No.
Universal platform	7-110-01-0
Foam for microtubes*	7-110-02-0
Foam for microplate*	7-110-03-0
Rubber holder for flask*	7-110-04-0

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

# AHN myLab® VT-03

## Digital Vortex Mixer 4200 rpm

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**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

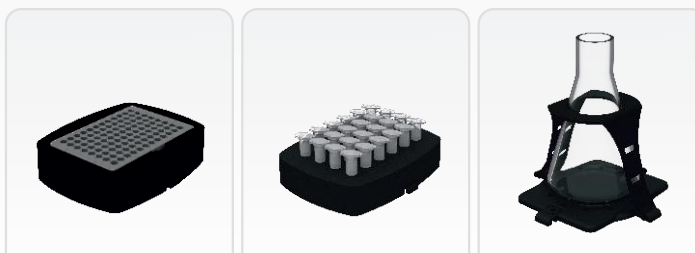
**Programmable pulse mode** - ON time and OFF time can be individually modified

**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\*



### Ordering information

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

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

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

Optional attachments	Cat. No.
Universal platform	7-110-01-0
Foam for microtubes*	7-110-02-0
Foam for microplate*	7-110-03-0
Rubber holder for flask*	7-110-04-0

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



# AHN myLab® TR-01

Tube Roller 30 rpm



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**Usage** - mixing of blood samples and viscous substances

**Capacity** - 9 x 5 mL tubes

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

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

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

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

Tool free removal and installation of rollers



## Ordering information

### Description

AHN myLab® TR-01 Tube Roller 30 rpm

### Cat. No.

7-200-00-0

### Delivery package

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

### Specifications

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



# AHN myLab® TR-02

Tube Rotator 30 rpm

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

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

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

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

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

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



## Ordering information

### Description

AHN myLab® TR-02 Tube Rotator 30 rpm

### Cat. No.

7-210-00-0

### Delivery package

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

### Specifications

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



# AHN myLab® TR-03

Plate Rotator 30 rpm

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

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

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

**Optimal mixing** - circular motion allows gentle but effective mixing

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

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



Optional attachments



## Ordering information

### Description

AHN myLab® TR-03 Plate Rotator 30 rpm

### Cat. No.

7-220-00-0

### Delivery package

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

### Specifications

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

### Optional attachments

### Cat. No.

- Platte 12 x 15 mL + 4 x 50 mL **7-220-01-0**
- Platte 22 x 15 mL **7-220-02-0**

# AHN myLab® SM-01

Single Plate Magnetic Stirrer 1500 rpm

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**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

AHN myLab® SM-01 Single Plate Magnetic Stirrer 1500 rpm

### Cat. No.

7-300-00-0

### 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

### Specifications

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



# 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

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

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