

# ahn myLab MC-04

## Microplate Centrifuge

**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 265 mm minimizes space uptake on laboratory workbenches while maximizing 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 minimize 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 its 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.
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 161 mm
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)

ahn



+49(0)3631/65242-0

+49(0)3631/65242-90

Uthleber Weg 14 | 99734 Nordhausen | Germany



info@cappahn.com

www.ahn-bio.de

