BROCHURE

AHN myLab® PCR plate Centrifuge 2500 RPM

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ahn myLab®

PCR Plate Centrifuge 2500 RPM
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 - 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)

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