

Thermal Innovations and Products

## Incubator MP/DWP

► [Datasheet](#)

# Incubator MP & Incubator DWP

## Product Description

The INHECO Incubator MP and Incubator DWP are compact incubating positions for one standard SBS Microplate or Deepwell Plate. They can be used as a stand-alone device, or stacked to form a tower of up to 6 units. Stacking of different devices of the Inheco Incubator family in one tower is possible, the devices in the tower can be controlled through the master-slave principle.

Precise temperature control, USB interface, plate loading sensors and several self test routines guarantee a safe, precise and fast processing of samples. Software and verification tools are available to form a complete thermal solution for all kinds of incubation applications.

The Incubators are plug-and-play high performance devices with CE and UL certification. They are also prepared for use in customer IVD applications.



7300003 Incubator MP

## Application Areas

The Incubator MP/DWP products are mainly used on robotic platforms and systems in LabAutomation to form a self-contained temperature controlled area for one Microplate. The automated drawer system offers direct and easy access by robotic grippers for loading and unloading and direct access with pipetting heads. The lid is turning 90° after opening the drawer to enable easy portrait and landscape gripping.

The INHECO Incubators are designed for the use in fundamental research, drug discovery, clinical research, diagnostics and other Life Science applications. They are tested for the operation with an increasing number of established LabAutomation systems, please contact us for more information.



7300006 Incubator DWP

## Variants

The Incubators MP and DWP are part of our incubator product range, which will be further expanded with cooling, CO<sub>2</sub> and relative humidity in the near future. For the Incubator Shaker MP unit, we refer to the respective data sheet. All variants can be operated together in one stack, providing maximum flexibility.

Product	Article No.	Dimension W x D x H (mm)	Weight (kg)	Temperature range
Incubator MP	7300003	149 x 268 x 52	2,6	Ambient to +80°C
Incubator DWP	7300006	149 x 271 x 106	3,4	Ambient to +80°C

## Verification Plate

INHECO offers a compact and precise measurement plate (IMP) in SBS format for verification of temperature and/or shaking performance. The IMP can be used on all INHECO LabAutomation heating, cooling, shaking and incubating devices. We refer to the IMP datasheet for more information.



7901000: INHECO Measurement Plate

## Main Specifications

Specification	7300003	7300006
Accuracy at 37°C target temperature	±0,3°C	±0,3°C
Uniformity at 37°C target temperature**	±0,5°C	±0,6°C
Heat up time 15°C to 37°C*	15 min.	15 min.
Drawer accuracy (mm)	±0,3	±0,3
Input	24 Vdc / 1A	24 Vdc / 3A
Interface	USB	USB
Ambient temperature	15°C to 32°C	15°C to 32°C

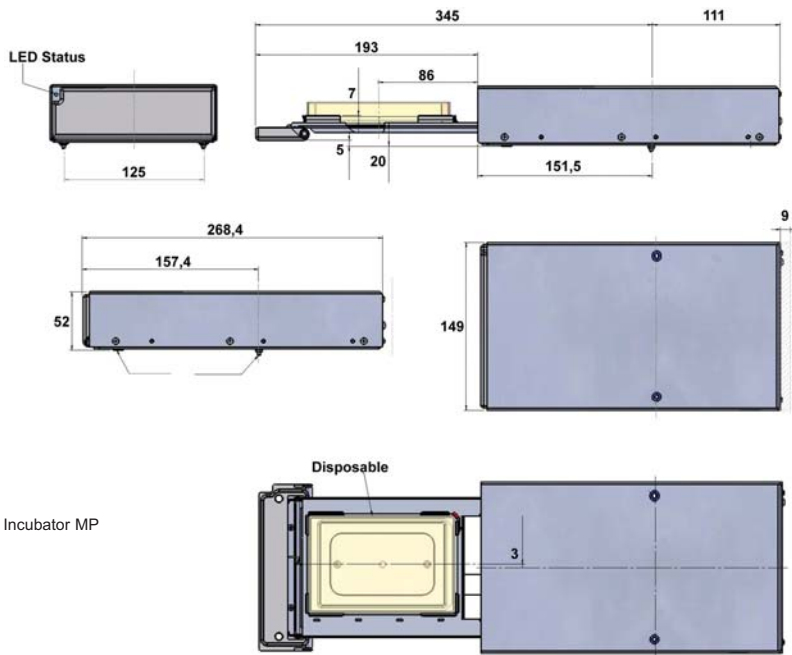
\* measured in well

\*\* Data refer to 96 well flat bottom microplate at 15°C ambient temperature

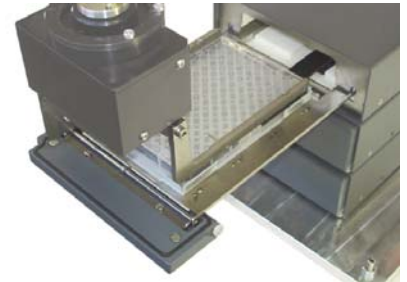


7300003 Incubator MP 5 unit stack

## Drawings



7300003 Incubator MP



7300003 Incubator MP Gripper access

## Accessories & Related Products

Product	Article No.	Input	Power Output
Power Supply FSP-180 AAA <sup>1</sup>	2400121	110-230 V 50/60 Hz	24V / 7A
Power Supply SPU45E <sup>2</sup>	2400122	110-230 V 50/60 Hz	24V / 2A
Adapter Round Bottom	7900042	<sup>1</sup> Suited for 7 Incubator MP or 3 Incubator DWP <sup>2</sup> Suited for 1 Incubator MP/DWP	
INHECO Measurement Plate	7901000		



7300003 Incubator MP and 7300013 Incubator Shaker mixed stack

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This Datasheet can also be downloaded from our website. For further information, please contact our sales department.

