



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 top view

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 or Deepwell plate. 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. The Incubator MP/DWP is integrated with established LabAutomation systems, such as:

- Beckman Biomex FX/NX
- Caliper Sciclone, Zephyr
- Hamilton Star Line
- PerkinElmer Janus
- Tecan Freedom EVO



7300006 Incubator DWP

Variants

The Incubators MP and DWP are part of our incubator product range; For the Incubator Shaker MP or DWP units, 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
Incubator MP PCR96	7300008	149 x 268 x 52	2,7	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

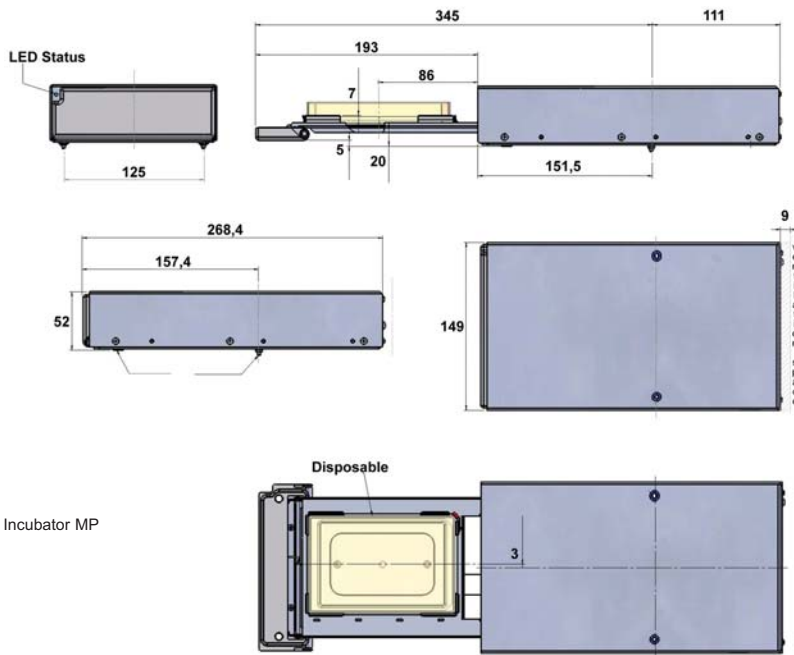
Specification	7300003	7300006
Accuracy at 37°C target temperature	±0,3°C	±0,3°C
Uniformity at 37°C target temperature*	±0,5°C**	±0,6°C***
Heat up time 20°C to 37°C	15 min.	15 min.
Drawer accuracy (mm)	±0,3	±0,3
Input	24 Vdc / 30W	24 Vdc / 45W
Interface	USB	USB
Ambient temperature	15°C to 32°C	15°C to 32°C



7300003 Incubator MP and 7300006 Incubator DWP mixed stack

* measured in well
 ** Data refer to 96 well flat bottom microplate at 15°C ambient temperature
 *** Data refer to 96 well round bottom deep well plate at 15°C ambient temperature

Drawings 7300003 Incubator MP (turn page for 7300006)



7300003 Incubator MP



7300003 Incubator MP Gripper access

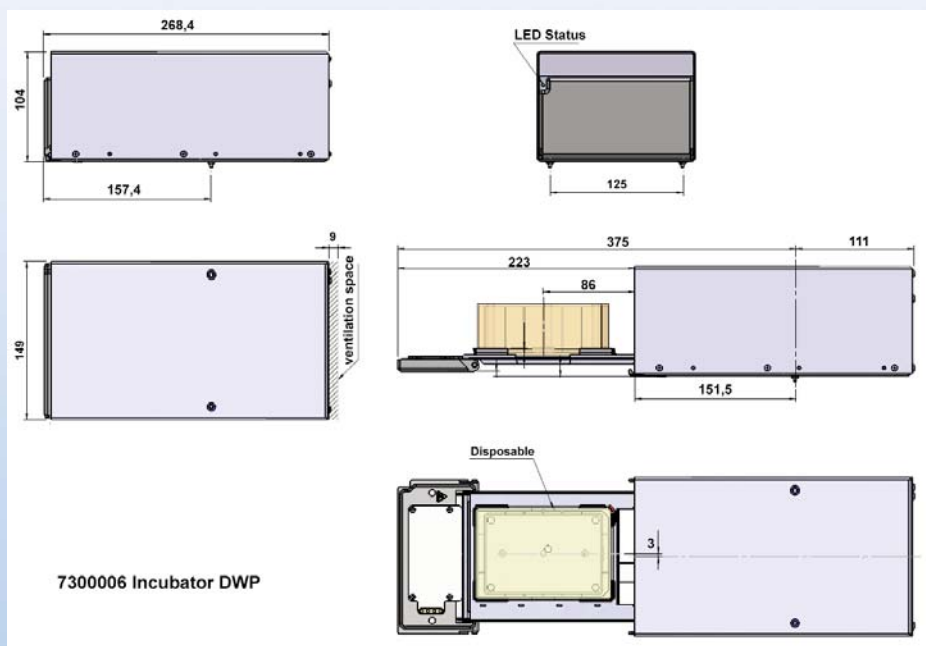
Accessories & Related Products

Product	Article No.	Input	Power Output
Power Supply FSP-180 AAA ¹	2400121	110-230 V 50/60 Hz	24V / 7A
INHECO Measurement Plate	7901000	¹ Suited for 6 Incubator MP or 4 Incubator DWP	



7300006 Incubator DWP front view open drawer

Drawings 7300006 Incubator DWP



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