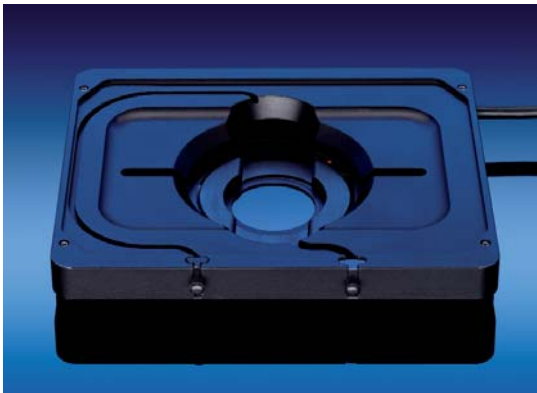


Incubator PM S1

Sophisticated incubator for Petri dishes and multiwell plates:
metal frame with heated glass field for direct heating of the culture
vessel from above

- Special coating of glass field to ensure homogeneous electrical heating
- Flat construction for maximum space directly above the incubator
- 6 evenly distributed, internal openings ensure that the supply of the gas mixture is homogeneously distributed
- Perfect seal between the incubator and the heating insert
- Notches for tubes or cables front and back (e.g. for perfusion or Control Sensor T S1)
- Compatible with DIC
- Thin, flexible supply tube eliminates tensile stress and, therefore, drifts in xy
- Insulation of supply tube eliminates losses in temperature between Heating Device Humidity S1 and the incubator and, therefore, guarantees a high level of humidity
- External dimensions (LxWxH in mm): 132x205x18
- Observation area (LxW in mm): 120x80



Heating Insert P S1

Stable heating insert for 35 mm Petri dishes (35-38 mm) with adapter and 60 mm Petri dishes (53-58 mm). Ideal for live cell imaging, high-aperture objectives and LSM applications

- POC-R and POCmini can also be used
- Extremely homogeneous heating of culture vessels thanks to optimal supply of heat; contributing principles: contact, convection and radiation
- 4 leveling screws for alignment to optical axis
- Oval opening in base (32x33 mm), optimized for swinging in high-aperture objectives (e.g. C-APOCHROMAT objectives)
- Port for perfusion tubes on both the left and right-hand side, 2 ports for perfusion tubes or Control Sensor T S1 at the front
- Heated grooves to guide perfusion tubes, therefore ensuring that the temperature of the supplied medium is perfect during perfusion
- Extremely low drifts in x and y thanks to thermal insulation of insert from mechanical and scanning stages
- Opening in base may be closed if no Petri dish has been inserted, ensuring that the incubation atmosphere is perfectly maintained when changing the culture vessels
- Cover with glass insert (DIC) included
- External dimensions (LxWxH in mm): 160x135x22



Heating Insert P Lab-Tek™ S1

Stable heating for Chamber Slide™ and chamber cover glass systems.
Ideal for Live Cell Imaging, high-aperture objectives and LSM applications

- 35 mm Petri dishes (35-38 mm) with adapter and 60 mm Petri dishes (53-58 mm), POC-R, POCmini and standard slides can also be used
- Observation opening (LxW in mm): 46x21
- For additional features see Heating Insert P S1



Heating Insert M06 S1

Heating insert for the simultaneous observation of several processes on the microscope; ideal for time lapse imaging using a scanning stage

- Laminated plate with direct heating from below
- Compatible with 6-well multiwell plates from Falcon™ and Corning™ (Falcon™ cat. no. 351146, Corning™ cat. no. 3335)*
- Diameter of observation openings: 22 mm (reduced for thermic reasons)
- Multiwell plates with glass bases are not compatible
- 4 leveling screws for alignment to optical axis
- External dimensions (LxWxH in mm): 160x135x22



Heating Insert M12 S1

as above with the following variations:

- Compatible with 12-well multiwell plates from Falcon™ and Corning™ (Falcon™ cat. no. 351143, Corning™ cat. no. 3336)*
- Diameter of observation openings: 22 mm



Heating Insert M24 S1

as above with the following variations:

- Compatible with 24-well multiwell plates from Falcon™ and Corning™ (Falcon™ cat. no. 351147, Corning™ cat. no. 3337)*
- Diameter of observation openings: 15.5 mm



Heating Insert M96 S1

as above with the following variations:

- Compatible with 96-well multiwell plates from Falcon™ (Falcon™ cat. no. 351172)*
- Diameter of observation openings: 6 mm

* or specially coated variants of specified types