

Heating Insert P

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Description

- Solid heating element made of one piece of aluminium with uniform heat distribution and a high thermal conductivity.
- Best solution for the work with high magnification, precise positioning, LSM applications and live cell imaging. Specimens are firmly seated in the Heating Insert P.
- An oval observation opening (32 x 30 mm) ensures both access to the objectives and maximum heat transfer. Lateral ducts through the insert permit the installation of perfusion tubes.
- Ideal for electrophysiological experiments because no disturbing switching pulses are emitted.
- Especially for the use with Petri dishes ("35" and "60") and the POC-R Cell Cultivation System. An adapter ring with Allen screws accommodates different "35" Petri dishes.
- The insert can be levelled in the stage by 4 screws.
- The supplied red insert is used to close the observation opening when no cultivation vessel is inserted to maintain environmental conditions during incubation.
- A self-resetting over-temperature switch ensures maximum operational safety. Please also check the Heating Insert P Lab-Tek.



Requirements

- [Tempcontrol 37-2 digital](#) or
- [Tempcontrol 37 \(1-channel\)](#)

Compatibility

- Inverse microscope with mechanical stage or scanning stage
- Incubator S
- Incubator S TIRF
- Incubator S-2

Cell cultivation vessels

- Petri dish 60mm
- Petri dish 35mm (with supplied adapter)
- POC-R Cell Cultivation System
- POCmini Cell Cultivation System

The following cultivation vessels cannot be fixed and fully observed. For these, the Heating Insert P Lab-Tek™ is better suited:

- Lab-Tek™ (Nunc®) and chambered slides (BD Falcon™)
- Microscope slides

Application Examples

- [Heating Insert P - Heating & Cooling](#) (Zeiss)
- [Heating Insert P - Heating & Cooling](#) (Leica)
- [Heating Insert P - Heating & Cooling](#) (Olympus)
- [Heating Insert P - Heating & Cooling](#) (Nikon)

- [Incubator S-TIRF - CO₂-control](#)
- [Incubator S-2 - CO₂-control](#)

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