




# Mastercycler® ep realplex

SOP Desinfection



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# 1 Specification for on-site disinfection of the Mastercycler

## 1.1 Disinfectant



The disinfectant must be free of fluorescing substances.

Fluorescing substances falsify measurement result of the Mastercycler ep realplex.

Eppendorf recommends Bacillol AF as Disinfectant.

Source: BODE CHEMIE Hamburg / Germany

Homepage BODE CHEMIE: <http://www.bode-chemie.com>

E-Mail address: [info@bode-chemie.de](mailto:info@bode-chemie.de)

## 1.2 Mastercycler ep realplex

The Mastercycler ep realplex system comprises two modules.

### 1.2.1 Thermomodul

The lower module is the thermomodule (Mastercycler).

The thermoblock is located inside this module.

### 1.2.2 realplex module

The upper module is the realplex module.

The frame with heating foil and the highly sensitive optics, etc., are located in this module.

### 1.2.3 Mastercycler ep realplex system

The Mastercycler ep realplex system may only be shipped in the original Eppendorf packaging.

#### Order number

Packaging: 6302 853.507

## 1.3 Disinfection procedure

### 1.3.1 Disinfection of the Realplex module

The Realplex module is disinfected on the surface only.

If the spray disinfection method is used, make sure the spray mist does not spread out beneath the realplex module, and thence into the heating frame and highly sensitive optics. This will damage the device and so generate high subsequent costs.

# 1 Specification for on-site disinfection of the Mastercycler

## 1.3.2 Disinfection of the thermomodule

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When disinfecting the surface of the thermomodule, make sure no liquid enters the blue plug on the Rollflex cable.

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1. If the thermoblock is covered by a PCR plate 96, the plate must be removed.
  2. Now the visible surface can be disinfected.
  3. Replace the PCR plate 96 in the thermoblock after the disinfection.
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Make an entry on the Disinfection Certificate to the effect that the heating foil was not disinfected.

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