

Instructions for use

Sensor plate flat

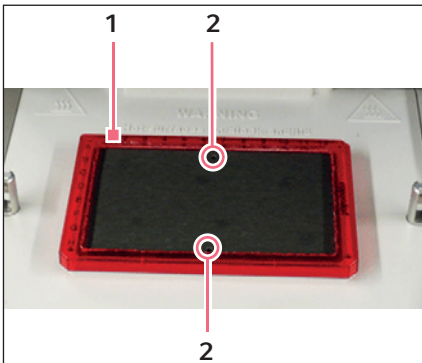
English (EN)

Sensor plate for the Temperature Verification System — Multi Channel

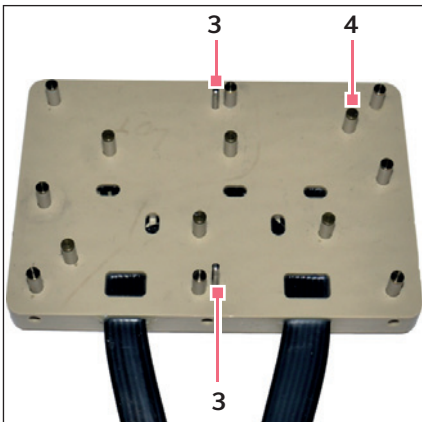
The sensor plate is intended for use with the Temperature Verification System — Multi Channel. This document complements the operating manual for the Temperature Verification System and does not replace it. You should therefore also read the operating manual for the Temperature Verification System before using the sensor plate for the first time. The current version can be found on the internet under www.eppendorf.com.

1 Inserting the sensor plate

- i** In order to use the sensor plate with the Temperature Verification System a system certificate is required. Without valid system certification the verification and adjustment of thermal cyclers is not possible. Contact your local Eppendorf service to have the sensor plate certified with the Temperature Verification System.



1. Place the insulating frame **(1)** on the thermoblock. The insulating frame prevents lateral heat loss and provides for an optimal heat distribution in the thermoblock.



2. Apply one drop of oil to all sensors **(4)** of the sensor plate. The oil provides for an optimal heat transfer between the thermoblock and the sensors.
3. Place the sensor plate on the frame. The sensor plate is positioned correctly when the two centering pins **(3)** stick in the holes **(2)** of the thermoblock.

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4. Check the cable layout. The cable must rest easily, it must not be under tension or be bent.
5. Close and lock the heated lid.

i Further information on connecting the sensor plate and on operating the Temperature Verification System can be found in the operating manual of the Temperature Verification System.

2 Removing the sensor plate

Prerequisites

The measuring procedure is completed and the thermal cycler is idle.

- i** Do not use organic solvents such as phenol, chloroform and acetone.
1. Open the heated lid and leave the sensor plate to cool.
 2. Remove the sensor plate.
 3. Remove oil residues on the sensors with a cloth dampened with ethanol.
 4. Remove the insulating frame.
 5. Remove oil residues on the thermoblock with a cloth dampened with ethanol.

3 Ordering Information

Order no. (International)	Order no. (North America)	Description
6328 076.002		Sensor plate for Mastercycler nexus flat
5176 063.000	930002119	Bottle with mineral oil 25 mL

Your local distributor: www.eppendorf.com/contact

Eppendorf AG · 22331 Hamburg · Germany
eppendorf@eppendorf.com · www.eppendorf.com