

Correct Temperature? – Yes!

The Eppendorf® Temperature Verification System T6

Verify the temperature of your PCR cycler block on site



For a successful PCR the correct temperature of the block is mandatory. We recommend a yearly full service for your PCR cycler to keep up performance of the device, but testing and verifying the temperature of the block in shorter intervals can be useful for your audits and workflows. Verify your cycler in your lab with the temperature verification system T6. The temperature verification system comes with a sensor plate that must be placed in your PCR cycler block for measurement. A Notebook is part of the delivery package and is connected to the sensor, cycler, a USB stick and power to start the verification software. After the measurement (~ 10-15 minutes) a report and certificate is created and saved on the USB stick for further use. You may print or save the certificate as you need it. If you need special temperature settings, a different verification cycle or other settings just create unique measurement protocols in the software.

In-house verification
Disinfection, packing, send = 0 day
Shipping = 0 day
Verification = 15 min
Return shipment = 0 day
Total cycler downtime = 15 min

Save time by in between in-house verifications and send your cycler once a year for a big service to keep optimal performance of your device.

Off-site service
Disinfection, packing, send = 1day
Shipping = 3 days
Verification = 1 day
Return shipment = 3 days
Total cycler downtime = 8 days

1. **What components are needed to be quoted for a full system?** The whole T6 system is composed by a laptop, a measuring box, and a sensor. On top if it there are cables that are connecting the components each other. Finally, the device can be set differently according to what kind of sensor is needed. There are three types of sensors: 96 well, 384 well and flat. Each sensor can be certified either with ISO9001 or with ISO17025 (DAkKS). As general info, each of the mentioned sensor type has 8 channel that are parallely collecting data during a temperature verification. All these elements like components and ISO certification should influence the final quote.
2. **Does the T6 verify all thermal cyclers, regardless of brand?** Thermal cycler from other manufacturers cannot be verified (and adjusted), but it is possible to record the temperature profiles (measurement). To perform the measurement the heated lid must be closed, and the sensor must fit into the thermoblock. To create a sufficient contact to the

sensor unit, apply 1 to 2 drops of mineral oil to the sensor tips if needed. Do not allow mineral oil to get into the sensor plate.

3. **Are there multiple probe options with flexibility to change well locations?** Temperature sensors for 96-well thermoblock and temperature sensors for 384-well thermoblock can be used with flexibility to change well locations. The flat sensor has integrated sensors and positions cannot be changed.
4. **Do you provide recertification services on the sensors? If so, how often do they need to be recertified?** Yes, we provide recertification. The sensors must be recertified regularly every 18 months and as already mentioned, the recertification can be either ISO9001 or ISO17025 (DAkKS). The price of the recertification will be accordingly different.



5. Does the purchase of the system come with training on how to operate it? The training is only provided to the technicians, but the operating manual is available for this device and makes a proper user-experience possible to everyone who wants to use it.

6. Would it be possible to obtain an example report generated by the system? An example report can be provided.

Your Temperature Verification System T6 is made to order

That means once you order your TVS-T6 we start to produce exactly what you need. Therefore, production and delivery can take up to 16 weeks, depending on your location.

Time worth waiting

- > Because you save valuable time for verification of each cyclor
- > Because you can verify whenever you want with TVS – yearly, monthly, weekly
- > Because you can be sure your cyclor performs as needed

Ordering information

Product description	Order no. international
Temperature Verification System T6, without thermal sensors, made to order	6328006500
Sensor unit for 96 well blocks, calibrated in an ISO 9001 certified laboratory, made to order	6328007000
Sensor unit for 96 well blocks, calibrated in an ISO 17025 accredited laboratory, made to order	6328007507
Sensor unit for 384 well blocks, calibrated in an ISO 9001 certified laboratory, made to order	6328008007
Sensor unit for 384 well blocks, calibrated in an ISO 17025 accredited laboratory, made to order	6328008503
Sensor unit flat, calibrated in an ISO 9001 certified laboratory, made to order	6328009003
Sensor unit flat, calibrated in an ISO 17025 accredited laboratory, made to order	6328009500

Service Agreements and Qualification services	AdvancedCare Agreement	PremiumCare Agreement	IQ/OQ GxP	OQ GxP
Mastercycler® Pro, nexus, X50	0082 040 325	0082 040 320	0082 040 300	0082 040 301

Temperature verification services

Mastercycler® – sequential	6321 897 000
Mastercycler® – ISO 17025 sequential	0082 040 027
Mastercycler® – parallel	6321 897 507
Multi-channel temperature verification – ISO 9001	0082 040 029
Multi-channel temperature verification – ISO 17025	0082 040 030

Your local distributor: www.eppendorf.com/contact
 Eppendorf SE · Barkhausenweg 1 · 22339 Hamburg · Germany
eppendorf@eppendorf.com · www.eppendorf.com

www.eppendorf.com/pcr