



Sensible Security

Fast and easy remote temperature monitoring

The Eppendorf TCA-3 real-time temperature monitoring system provides significant, simple, and safe sample security for your ULT freezer. Customizable alarm notifications can be communicated by phone, e-mail and text message for ultimate peace-of-mind and user convenience. All your data logging can be accessed anywhere, any time by logging in to the secure network with any web-enabled device.

TCA-3 Independent monitoring system

- > Simple and intuitive set-up
- > A lifetime of real-time continuous monitoring with no monthly service fees
- > Alarm notifications via e-mail, phone and text messaging
- > No computer or software needed; view all data via web browser
- > Versatile open system works with any ULT freezer

Advanced Security for Peace-of-Mind

Eppendorf's TCA-3 is an independent temperature monitoring system for those who require complete and reliable sample protection 24 hours a day, 7 days a week. The device provides the features of an alarm, a chart recorder and an autodialer all incorporated into one small pod that integrates seamlessly to any freezer. Customize your device to send notifications by e-mail, phone, and text message in the event of an alarm. The TCA-3 transmits data to a highly secure data server where redundant systems store a lifetime of data-points. Monitor your freezer in real-time from any web enabled device, anywhere in the world. No need for additional software or a dedicated computer!



- > Customizable alarm notifications by phone, e-mail and text are sent to multiple users until an acknowledgement is received
- > Non-alterable data meets regulatory requirements
- > Continuous, real-time monitoring records infinite data points for the lifetime of your monitor
- > Easy, Microsoft Excel® compatible report generation
- > Can link multiple monitors to one user login

- > Small and versatile monitor works with every freezer
- > Two probes are included to monitor the chamber and the ambient temperature which are ready for immediate use
- > Power-over-Ethernet (PoE) capable
- > Secure, encrypted data transmission
- > Firewall compatible
- > No monthly service fees

Technical specifications

Dimensions	4.9 x 2.6 x 1.2 in
Weight	227 g (8 oz.)
Sampling rate	User-selected, 30 sec. to 24 hr.
Emergency data storage	256 data points
Operating environment	-40 °C to 70 °C, 5 to 95% rh

Ordering information

Description	Electrical service	Catalog No.
Pod and probe with wall plug power connection	120 V, 60 Hz	P0625-1630

Performance specifications

In-chamber temperature sensor	
Temperature range	-200 °C to +200 °C
Typical accuracy	±1 °C
Measurement resolution	0.1 °C
Sensor type	1 x RTD
Ambient temperature sensor	
Temperature range	-40 °C to +70 °C
Typical accuracy at 25 °C	±1.4 °C
Typical accuracy over full range	±2.1 %
Measurement resolution	0.21 °C

Eppendorf North America, Inc.
 Phone: 800-645-3050
 Email: info@eppendorf.com
 Eppendorf Canada Ltd.
 Phone: 800-263-8715
 Email: canada@eppendorf.com

www.eppendorfna.com