

Temperature Monitoring Covid-19 Vaccines

Simple, reliable and accurate data logging

Oxford AstraZeneca ChAdOx1 nCoV-19

From the Green Book:

"The AstraZeneca vaccine should be stored at **+2°C to +8°C** and has a shelf life of 6 months. The vaccine does not contain any preservative. After first opening the vial, it should be used within 6 hours. The vaccine may be stored between 2°C and 25°C during this period. After this time, the vial must be discarded."

Easy, Low Cost Monitoring: EL-USB-VAC

The EL-USB-VAC data logger is perfect for monitoring individual fridges set to between +2°C and +8°C.

- Highly accurate glycol bottle thermistor probe that mimics the temperature response of individual vaccine containers.
- Coloured indicators show the logger is working correctly, and whether an alarm has been triggered.
- Battery included giving 2 years of uninterrupted service.
- Calibration certificate supplied to ensure accuracy.

To check your measured data in detail, just plug the logger directly into your PC or laptop, and use our free EasyLog software to graph, analyse and download the readings.



WiFi Logger: EL-WiFi-VAC

Get critical vaccine condition monitoring text alerts straight to your pocket with our vaccine logger SMS functionality.

Cloud-connected wireless data loggers take just minutes to set up, providing fully automated monitoring across different storage areas or even different buildings. Your data is available 24/7 from any internet-connected device, and instant notifications via email and SMS messages mean you and your team are aware the moment a problem occurs.

 Use your existing wireless network, data is encrypted and secure.

• Rechargeable internal battery pack, and can also be permanently powered.

• Supplied with glycol probe and calibration certificate.

To simultaneously monitor two fridges or storage zones, the EL-WiFi-VAC2 connects two probes from one data logger.

Available NOW for just

£169.95 Each



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The EasyLog Cloud is FREE for one device, and costs as little as £0.38 per month for additional loggers.

To order your loggers call us on **01794 884 567** or visit **lascarelectronics.com** and use the search bar at the top of the page to look for EL-USB-VAC or EL-WiFi-VAC. Please also call us for technical help or to learn more about our other vaccine monitoring products.

Please turn over for information for the Pfizer and Moderna vaccines.





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Pfizer BioNTech BNT162b2 (Also suitable for Moderna mRNA-1273)

From the Green Book:

"The Pfizer BioNTech COVID-19 mRNA Vaccine BNT162b2 should be stored in a freezer at -80°C to -60°C (-90°C to -60°C in the thermal container). Shelf life is 6 months at -80°C to -60°C. Frozen vials should be transferred to 2°C to 8°C to thaw; a 195 vial pack may take 3 hours to thaw. Alternatively, frozen vials may also be thawed for 30 minutes at temperatures up to 25°C for immediate use. After thawing, stability data have demonstrated that undiluted vaccine can be stored for up to 5 days at 2°C to 8°C. Once thawed, the vaccine cannot be re-frozen."

Simple, Low Cost Monitoring: EL-USB-ULT-LCD

Available NOW for just £84.95 Each

The EL-USB-ULT-LCD data logger is designed for monitoring vaccines in dry ice storage, down to -100°C.

- Highly accurate temperature probe can reach inside insulated containers.
- Coloured indicators show the logger is working correctly, and whether an alarm has been triggered.
- Battery included giving 2 years of uninterrupted service.

To check your measured data in detail, just plug the logger directly into your PC or laptop, and use our free EasyLog software to graph, analyse and download the readings.

WiFi Logger: EL-WiFi-ULT

Get critical vaccine condition monitoring text alerts straight to your pocket with our vaccine logger SMS functionality.

Cloud-connected wireless data loggers take just minutes to set up, providing fully automated monitoring across different storage areas or even different buildings. Your data is available 24/7 from any internet-connected device, and instant notifications via email and SMS messages mean you and your team are aware the moment a problem occurs.

- Measures down to -100°C.
- Use your existing wireless network, data is encrypted and secure.
- Rechargeable internal battery pack, and can also be permanently powered.
- Supplied with glycol probe and calibration certificate.

To simultaneously monitor two fridges or storage zones, the EL-WiFi-DULT connects two probes from one data logger.

The EasyLog Cloud is FREE for one device, and costs as little as £0.38 per month for additional loggers.



To order your loggers call us on **01794 884 567** or visit **lascarelectronics.com** and use the search bar at the top of the page to look for EL-USB-VAC or EL-WiFi-VAC. Please also call us for technical help or to learn more about our other vaccine monitoring products.

Please turn over for information for the Oxford AstraZeneca vaccine.

