



The reliable companion for your valuable products

start it - pack it - send it - dock it - file it

The Q-tag CLm doc is a single-use data logger with a USB interface for data analysis on a computer. When connected to a PC / Mac, the device automatically generates a secure PDF/A report showing the recorded data including the temperature curve.

- For monitoring your **passively cooled transport** and storage
- Immediate and simple decision-making at a glance thanks to the easy-to read out with ✓ or X
- **Break-cap** to start and stop the device

**WHO product
prequalification**
E006/016



MANUFACTURER'S REF	Q-tag CLm doc
DESCRIPTION	Electronic data logger single use The Q-tag CLm doc passively monitors just the relevant points during the transport. The multi-alarm shipment logger has a storage capacity of 1,500 measurements and is used for single use.
LABEL COLORS	Different label colors available
EXTERNAL DIMENSIONS (L X W X H)	94 x 54 x 12 mm, Display 25 x 19 mm
WEIGHT	34 g
STORAGE CONDITION (INACTIVE)	0°C to +30°C / +32°F to +86°F
OPERATING TEMPERATURE	-30°C to +60°C / -22°F to +140°F
DISPLAY VISIBLE	-10°C to +55°C / +14°F to +131°F
ALARM TEMPERATURE RANGE	-25°C to +55°C, in 0.1°C increments / -13°F to +131°F
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 0.8°C from -30°C to -10°C +/-1.44.°F from -22°F to +14°F +/- 0.5°C from -10°C to +40°C +/-0.9°F from +14°F to +104°F +/- 0.8°C from +40°C to +60°C +/-1.44°F from +104°F to +140°F
ALARM LIMITS	Up to 5 individually programmable alarm limits
TEMPERATURE MEASUREMENT INTERVAL	1 minute
LOGGING INTERVAL	Temperature change dependent
ALARM TRIGGER TIME	1 minute to 20 days
MEASUREMENT ACCURACY OF THE TIME	+/- 30 minutes / year
CALIBRATION	Calibration traceable to ILAC recognised international standard (e.g. SAS, NIST) upon request
MEMORY SPACE	1'500 points
BATTERY	Lithium coin cell battery complies with IATA DGR Packaging Instruction 970 Section II
PROTECTION CLASS	IP 65
OPERATING LIFETIME AND SHELF LIFE	Up to 2 years (1 year storage / 1 year useful life). Battery warning: display blinking
WARRANTY	2 years from date of delivery (see general Berlinger Terms & Conditions)
MANIPULATION	Q-tag CLm doc cannot be manipulated, reset or turned off without destroying it
FORMAT OF THE ORIGINAL DOCUMENT	PDF / ASCII (it can also be imported by many ERP or data management systems)
SOFTWARE FOR VERIFYING PDF AND ASCII FILE	 www.berlinger.com/verifier JAVA™ / The software verifies the digital signature of the ASCII and PDF files.
COMPATIBILITY WITH BERLINGER SMARTVIEW	 www.berlinger.com/smartview
STANDARDS	CE, EMC, ROHS compliant, REACH, DO160, EN12830, PQS



* for temperatures below -10°C (+14°F) we recommend to use the Q-tag CLm doc Ice in order to avoid a shorter battery life.
Subject to change. Please note that all information in this document is correct at the time of publication. Due to our policy of continuous product development, we reserve the right to change this information without prior notice.



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