



200, 201

Single-Use Temperature
Data Loggers

Track every mile. Trust every reading.

A simple, precise, and economical solution to pharmaceutical cold-chain viability. Confidence starts here.

RTEL 200/201 Temperature Data Loggers from RTE deliver cost-effective peace of mind for every pharmaceutical shipment. Monitor and record temperature across the entire journey—from fill and finish to final mile.

Choose the model with or without a display. Capture time-stamped readings and generate secure PDF and/or CSV reports. Trusted by pharma teams for temperature-sensitive therapies, vaccines, and high-value treatments across the global supply chain.



Simple to Use

One-touch start/stop
USB / Plug n' Play



3-Point NIST

Traceable calibration
ensures accuracy



High Capacity

Up to 33,000 time-
stamped data points



Programmable

Customize alarm & start
delay settings



Wide Temp Range

-30°C—70°C
(-22°F—158°F)



FDA Compliant

Meets 21 CFR Part 11
compliance standard

For over 40 years, RTE has pioneered temperature monitoring in refrigerated transport—including RTEL, the industry's first digital data logger for perishable shipments, launched in 1994.

RTE

Technical Specifications



RTEL 200

Single-Use
Temperature Logger

- ✓ Cost-effective
- ✓ Easy to use
- ✓ Reliable



RTEL 201

Single-Use
Temperature Logger
with LCD Display

- ✓ Check Min, Max, Avg Temp during transit
- ✓ View screen at any angle
- ✓ Perfect for multi-stop logistics

RTEL 200

Notification Type

LED - Green (recording, normal), Red (alarm),
Yellow (Start Delay)

Battery Life

up to 2 years (1yr storage / 1yr in-use life) @ 25°C & 5

Shelf life = 2 years, 180 days @ 25°C and 5 min

min logging interval

logging interval

Measurement Range

-30 °C ~ 70 °C

-30 °C ~ 70 °C

Measurement Accuracy

± 0.5°C @-10~40°C, ± 0.8°C @-30 ~-10°C & 40~70°C

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Resolution

0.1°C

0.1°C

Alarm Limits

One High / One Low (customizable alarm delays)

One High / One Low (customizable alarm delays)

Logging Interval

1 minute - 24 hours

1 minute - 24 hours

Start Delay

0 minutes - 24 hours

0 minutes - 24 hours

Start Mode

Manual Start

Manual Start

IP Rating

IP67

IP67

Battery Type

3.0V CR2032

3.0V CR2032

Connection

USB2.0

USB2.0

Dimensions

70x33x7mm

85x34x7.5mm

Weight

20g

23g

Product Certifications

CE, EN12830:2018, RTCA/DO-160G (Aviation Safety Directive), RoHS, Original Factory Validation 3-point

Calibration (AQL 0.25) GB/T 35145-2017

Other Solutions

RTEL 100

Single-use
Temperature Indicator

Simple, economical,
and delivering
actionable insights
that ensure safety
and compliance.



RTEL 215

Single-use
Temperature-Humidity
Data Logger

Durable hard-case
design with temperature
& RH monitoring and
four alarm setpoints.



**Request a sample
logger today.**

Because compliance starts with
confidence.

RTE