



100, 101

Single-Use Temperature
Indicators

Know the Journey. Trust the Result.

When simplicity is as important as quality.

RTEL 100/101 Temperature Indicators from RTE offer reliable temperature verification in a compact, easy-to-use format with visual LED prompts. Whether you're shipping or storing cold-chain pharmaceuticals or other perishables, these tools provide clear, actionable insights to help ensure safety and compliance.

- **RTEL 100** delivers go/no-go feedback with a simple tab-break start and easy-to-read LED cues—no buttons, no guesswork.
- **RTEL 101** adds real-time visibility with a crisp, easy-to-read LCD display for detailed mid-transit temperature data access.

Protect every shipment with clarity and confidence—because cold chain integrity starts with knowing.

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.



User-Friendly

Intuitive operation and clear prompts



Programmable

Customize alarm & start delay settings



3-Point NIST

Traceable calibration ensures accuracy



Wide Temp Range

-30°C—70°C
(-22°F—158°F)

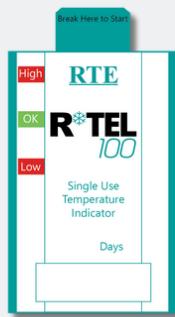


Waterproof

Shielded within a food-grade composite bag

RTE

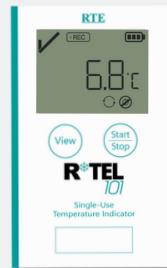
Technical Specifications



RTEL 100

Single-Use
Temperature Indicator

- ✓ Safe-at-home verification
- ✓ Cost-effective
- ✓ Easy to use
- ✓ Reliable



RTEL 101

Single-Use
Temperature Indicator
with LCD Display

- ✓ Check Min, Max, Avg Temp mid transit or logging period
- ✓ Perfect for multi-stop or vertically integrated logistics
- ✓ View screen at any angle

RTEL 100

Notification Type

LED - Green (Recording, OK)

Red (Out of Range Alarm / High or Low)

Battery Life

Up to 3 years (1yr storage / 2yr useful life) @ 25°C

Measurement Range

-30 °C ~ 70 °C

Measurement Accuracy

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

Resolution

0.1°C

Alarm Limits

One High / One Low (customizable alarm delays)

Logging Interval

1 minute -24 hours

Start Delay

0 minutes -24 hours

Start Mode

Break off Start Tab to initiate monitoring

IP Rating

IP67

Battery Type

3.0V CR2032

Packaging

Clear, Composite, Food-Grade

Dimensions

49x25x5mm

Weight

6.6g

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

RTEL 101

LCD Display - Recording, OK/Alarm, Start Delay,

Avg/Max/Min Temperatures

Shelf life 2 years, 1 yr @ 25°C & 5 min log interval

-30 °C ~ 70 °C

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

0.1°C

Two High / Two Low (customizable alarm delays)

10 seconds -24 hours

0 minutes -24 hours

Manual Start

IP67

3.0V CR2032

Clear, Composite, Food-Grade

62x36x6mm

14.8g

Other Solutions

RTEL 201

Single-use Temperature
Data Logger with
Display



Economical format with
USB interface allows for
complete trip data
visibility. Download
time-stamped records.

RTEL 215

Single-use
Temperature-Humidity
Data Logger



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

**Clarity at every
checkpoint.**

Your delivery confidence
starts with RTEL.

RTE