R❄TEL

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 produce, protein, floral, or other perishables, these tools provide clear, actionable insights to help ensure safety and compliance throughout your cold chain.

- **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.

User-Friendly
Intuitive operation and clear prompts

Programmable
Customize alarm & start delay settings

3-Point NIST
Traceable calibration ensures accuracy

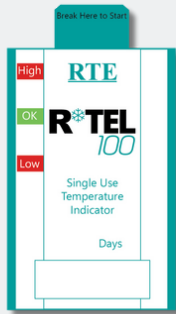**Wide Temp Range**
-30°C—70°C
(-22°F—158°F)

Waterproof
Shielded within a food-grade composite bag

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

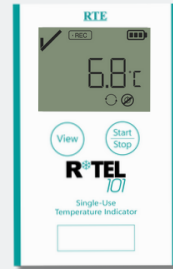**R❄TEL**

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

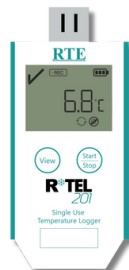|	RTEL 100	RTEL 101
Notification Type	LED - Green (Recording, OK Red (Out of Range Alarm / High or Low)	LCD Display - Recording, OK/Alarm, Start Delay, Avg/Max/Min Temperatures
Battery Life	Up to 3 years (1yr storage / 2yr useful life) @ 25°C	Shelf life 2 years, 1 yr @ 25°C & 5 min log interval
Measurement Range	-30 ℃ ~ 70 ℃	-30 ℃ ~ 70 ℃
Measurement Accuracy	± 0.5°C @-10~40°C, ± 0.8°C @-30 ~-10°C & 40~70°C	± 0.5°C @-10~40°C, ± 0.8°C @-30 ~-10°C & 40~70°C
Resolution	0.1°C	0.1°C
Alarm Limits	One High / One Low (customizable alarm delays)	Two High / Two Low (customizable alarm delays)
Logging Interval	1 minute -24 hours (Default 5 min)	1 minute -24 hours (Default 5 min)
Start Delay	0 minutes -24 hours (Default 10 min)	0 minutes -24 hours (Default 10 min)
Start Mode	Break off Start Tab to initiate monitoring	Manual Start
IP Rating	IP67	IP67
Battery Type	3.0V CR2032	3.0V CR2032
Packaging	Clear, Composite, Food-Grade	Clear, Composite, Food-Grade
Dimensions	50x26x5mm	62x36x8mm
Weight	5.7g	13.5g
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

R❄TEL 201

Single-use Temperature Data Logger with Display

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

R❄TEL 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