

When simplicity is as important as quality.

R-TEL 100/101 Electronic 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 high-value materials or monitoring cold-chain workflows, these tools provide clear, actionable insights to help ensure safety and compliance.

- **R-TEL 100** delivers go/no-go feedback with a simple tab-break start and easy-to-read LED cues—no buttons, no guesswork.
- **R-TEL 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.





Simple to Use

Confident activation
Large, tactile start/stop
USB / Plug n' Play



3-Point NIST

Traceable calibration
ensures $\pm 0.5^{\circ}\text{C}$
accuracy



Programmable

Customize alarm &
start delay settings



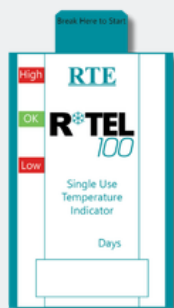
Wide Temp Range

-30°C — 70°C
(-22°F — 158°F)



Waterproof

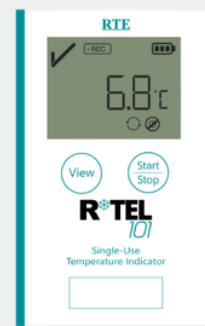
Shielded within a food-
grade composite bag



R-TEL 100

Single-Use Electronic
Temperature Indicator

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



R-TEL 101

Single-Use Electronic
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

Notification Type	LED - Green (Recording, OK)	LCD Display - Recording, OK/Alarm, Start Delay,
	Red (Out of Range Alarm / High or Low)	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°C ~ 70°C	-30°C ~ 70°C
Measurement Accuracy	$\pm 0.5^{\circ}\text{C}$ @ -10 ~ 40°C , $\pm 0.8^{\circ}\text{C}$ @ -30 ~ -10°C & 40 ~ 70°C	$\pm 0.5^{\circ}\text{C}$ @ -10 ~ 40°C , $\pm 0.8^{\circ}\text{C}$ @ -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	10 seconds -24 hours
Start Delay	0 minutes -24 hours	0 minutes -24 hours
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	6.6g	14.8g
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	