

## How it works.



Break off the tab at the top to start RTEL 100 monitoring.

All indicator LED lights will illuminate for 1.5 seconds to confirm successful start.



After successful start, place RTEL 100 into the same shipping container along with your packaged item being shipped.

OK



RTEL 100 will flash a recorded temperature result every 10 seconds. If the result is OK, green is flashed. If the result is alarm, red is flashed.

ALARM



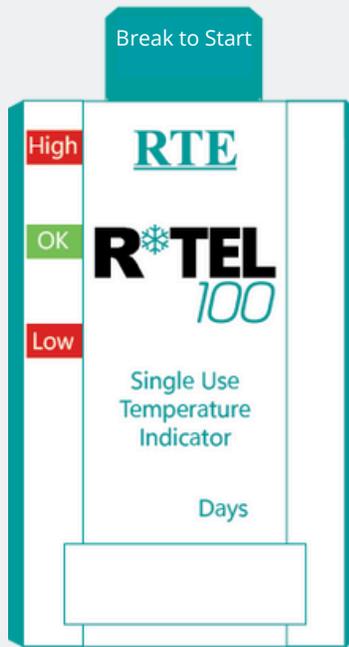
Exceeds upper limit



Below lower limit



If at any time, the recorded temperature is outside the programmed limits, HIGH or LOW indicator lights will flash every 10 seconds.



## SPECIFICATIONS

|                       |  |
|-----------------------|--|
| LED Indicator         | Green (Recording, OK)   Red (Out of Range Alarm / High or Low)   |
| Battery Life          | Up to 3 years (1 year storage / 2 year useful life) @ 25°C   |
| Measurement Range     | -30 °C ~ 70 °C   |
| Measurement Acc       | ± 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            | 50x26x5mm  |
| Weight                | 5.7g   |
| Product Certification | CE, EN12830:2018, RTCA/DO-160G (Aviation Safety Directive), RoHS, Original Factory Sampling 3-point Calibration (AQL 0.25) GB/T 35145-2017 |