

Technical Specifications

Part Order Code	TRIL-8 (Multi-use : 3 trips) SRIL-8 (Single use)
Recorder operating temperature measurement range	-80 ~ +40°C (-112°F ~ +104°F)
Recorder operating mode	Available in Single use or Multi-use (3 trips)
<p>Rated Temperature reading accuracy*</p> <p>Better than $\pm 1^{\circ}\text{C}$ for $-30^{\circ}\text{C} \sim +20^{\circ}\text{C}$ better than $\pm 1.2^{\circ}\text{C}$ for $-45^{\circ}\text{C} \sim -30^{\circ}\text{C}$ & $+20^{\circ}\text{C} \sim +40^{\circ}\text{C}$ better than $\pm 1.7^{\circ}\text{C}$ for $-80^{\circ}\text{C} \sim -45^{\circ}\text{C}$</p> <p>LogTag TRIL Temperature Recorder (Probe-less Dry ICE Recorder) Rated Ex-factory Temperature vs Accuracy</p> <p>Note: This is a <i>rating</i>. Actual accuracy figures could be very much better. Accuracy can also be improved by recalibration.</p>	<p>Rated Temperature reading resolution#</p> <p>Less than 0.1°C for $-80^{\circ}\text{C} \sim 0.0^{\circ}\text{C}$, less than 0.2°C for $0.0^{\circ}\text{C} \sim +20^{\circ}\text{C}$ less than 0.5°C for $+20^{\circ}\text{C} \sim +40^{\circ}\text{C}$ (see below)</p> <p>LogTag TRIL Temperature Recorder (Probe-less Dry ICE Recorder) Rated Ex-factory Temperature vs Resolution</p> <p>#LogTag Analyser currently displays to one decimal place of $^{\circ}\text{C}$ or $^{\circ}\text{F}$. The native resolution is what is stored in the LogTag.</p> <p>Actual performance is normally superior to rated performance.</p>
Capacity	8000 temperature readings (16Kbytes memory)
Sampling frequency	adjustable, 1min to several hours
Download Time	Typically with full memory in less than 5 seconds depending on computer or readout device used.
Environmental	IP65
Power source	3V low temperature chemistry Lithium battery.
Battery life	Minimum storage life of 12 months before 'start'. Single use version rated for a typical trip of 2 weeks duration at dry ice temperatures. Limited use version rated for up to 3 trips of up to 2 weeks duration at dry ice temperatures over a 2 year period.
Size	86mm(H)x54.5mm(W)x8.6mm(T)
Weight	35grams
Case Material	Polycarbonate

NOTE: LogTag Recorders Ltd reserves the right to change this product's specifications without notice.
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