



RadTag™ RT Series

“A World First: Disposable Radiation Data Logger”

A Revolution for Radiopharmaceutical Transport

RadTag™ is the only commercially available device that combines radiation monitoring and temperature logging in a single, disposable unit, specifically designed for the transport of radiopharmaceuticals and radiation-sensitive materials.

Conventional logistics depend on two separate devices: a disposable temperature logger and a bulky, reusable radiation monitor, which increases costs, contamination risks, and operational inefficiencies.

RadTag™ simplifies the process.

It combines both functions into a single, cost-effective device that requires no retrieval, making it perfect for one-way shipments, quarantine zones, and international isotope transport.

Built for real-world logistics, it provides full regulatory compliance and quality assurance—at a price comparable to temperature-only loggers.

Why RadTag™ ?

- **The Only Commercially Available Disposable Radiation Logger**

No other product on the market offers integrated radiation and temperature monitoring in a single, disposable device—RadTag™ is the first and only solution of its kind.

- **Built for Radiopharmaceuticals and Radiation-Sensitive Materials**

Purpose-designed for cold chain transport of radioactive and temperature-sensitive goods, where contamination risk or retrieval is impractical.

- **Disposable Price Point**

Comparable to high-end temperature-only loggers—no need to compromise on safety to meet your budget.

- **No Return logistics, No Contamination risk**

Optimized for one-way international or quarantined shipments—no return logistics, no contamination risk.

Specification

Models	RadTag™ RT1	RadTag™ RT2	RadTag™ ART
Temp. Range	-30°C ~ +70°C	-80°C ~ +70°C	-80°C ~ +70°C
Temp. Accuracy	-30°C ~ +70°C : ±0.5°C	-30°C ~ +70°C : ±0.5°C others : ±1°C	-30°C ~ +70°C : ±0.5°C others : ±1°C
Rad. Dose rate range	10uSv/h~100mSv/h	10uSv/h~100mSv/h	10uSv/h~100mSv/h
Energy Response	100keV ~ 3MeV	100keV ~ 3MeV	100keV ~ 3MeV
Logging Capacity	18,000 points	18,000 points	18,000 points
Logging Interval	10s – 24h	10s – 24h	10s – 24h
Data Interface	USB	USB	BT, IoT SIM
IP rate	IP65	IP65	IP67
Report Format	Auto PDF report, CSV	Auto PDF report, CSV	Auto PDF report, CSV
Shelf Life	2 years	2 years	2 years
Runtime	120 days interval: 10m	120 days interval: 10m	360 days interval: 10m
Certification	CE, FCC, RoHS, KC, EN12830, ISO17052	CE, FCC, RoHS, KC, EN12830, ISO17052	CE, FCC, RoHS, KC, EN12830, ISO17052
Dimension	105x42x10.8 mm	105x42x10.8 mm	130x42x10.8 mm
Weight	52 g	55 g	95g
Software	Nucare Windows SW	Nucare Windows SW	Nucare Windows SW
Mark	Unlimited	Unlimited	Unlimited
Alarm	Rad: 2 highs Temp: 2 lows/highs	Rad: 2 highs Temp: 2 lows/highs	Rad: 2 highs Temp: 2 lows/highs

LCD interface

The integrated LCD interface displays real-time radiation dose rate, temperature, battery level, alarm status, and the number of logged data points.

Power button functions: Press and hold for 5 seconds to start or stop logging, double-click to mark an event, and single-click to scroll through displayed information sequentially.

