



IRON TAG 100

Rugged Temperature Data Logger
Directly Immersible in Water and Oil, etc.

IRON TAG 100 is a precise temperature data logger ideal for temperature mapping of autoclave sterilization and other extreme environments. It comes with a rugged and submersible enclosure made of S316 food-grade stainless steel and can be directly placed in the temperature as high as 150°C. It is configurable and data is provided in graphic and tubular format, convenient for further analysis.



Temporary report



Built-in real-time clock for
precise time of each record



Multi use, rugged, immersible in water,
silicone oil and ethyl alcohol, etc.



Alarm settings

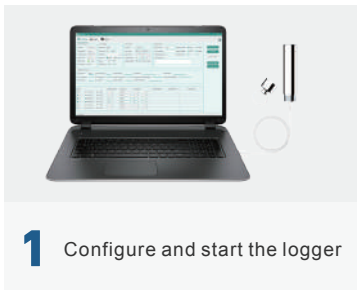


Fast and accurate data,
minimal maintenance



Simplified setup and data retrieval on
PC via the Type-C connection

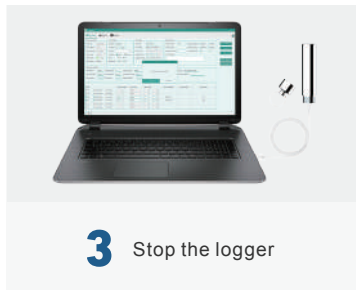
EASY TO USE



1 Configure and start the logger



2 Put started logger to the
monitoring point



3 Stop the logger



4 Automatically export the
report on PC

Model	IRON TAG 100	Type of Use	Multi use
Temperature Range	-90℃~+60℃; -50℃~+150℃	Temperature Accuracy	±0.5℃
Start Delay	0min~24h	Logging Interval	1min~24h
Memory Capacity	PDF: 35,000 readings CSV: 20,000 readings PDF&CSV: 20,000 readings each	Alarms	Two alarm points (High and low alarm)
Battery	3.6V lithium battery, replaceable	Battery Life	Max. 2 years
Display	LED	Operating System	NT/4.6.1/XP/Win7
Connection	USB Type-C	IP Rating	IP68
Dimensions	φ22mm*99.5mm	Weight	149g (Battery excluded); 162g (Battery included)

APPLICATIONS

This logger is suitable for autoclave sterilization, food processing, distillation of essential oil and scientific research, etc.



AUTOCLAVE



LABORATORY



FOOD PROCESSING



TEXTILE PRINTING & DYEING

Freshliance Electronics Corp., Ltd. is an ISO9001 certified manufacturer focusing on environment logging. We are engaged in providing professional temperature/humidity recording and monitoring solutions based on our own hardware and software design and development. With Advanced USB type, and Bluetooth, NFC, LTE/NB, WiFi and other IOT based wireless monitoring solutions, we hope we can meet different logging expectations you desire for the future.



EN12830



DO-160