

# FF Instrumentation



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## What is an i-Button?



The i-Button is a computer chip enclosed in a 1.6mm thick stainless steel can. Because of this unique and durable container, up-to-date information can travel with a person or object anywhere they go. The iButton range of dataloggers are extremely **small** and **rugged**, offering **excellent value** for money. The iButtons' unique size make it possible to log **temperature** and **humidity** data in locations that were previously unthinkable .

## Product Pricing and Options



### Datalogger Features

- Temperature
- Relative Humidity
- Rugged
- Re-usable
- Cost-effective
- Smallest in class

### Application Examples

- Cold-Chain management
- Process verification
- MAF Approval
- HACCP Approval
- Freezer / Incubator Monitoring

## Basic iButton Setup

Below is what is needed to make the system work.

1. iButton Reader
2. USB Adapter
3. Software

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## iButton Features

Code	RTC	Temp	RH	Min Temp	Max Temp	Measurement Resolution	Data Storage	Sample Rate
DS1921G	●	●		-40°C	+85°C	0.5°C	>2000pts	1min to 255min
DS1922L	●	●		-40°C	+85°C	0.625°C, 0.5°C	>4000pts, >8000pts	1sec to 273hrs
DS1922T	●	●		0°C	+125°C	0.625°C, 0.5°C	>4000pts, >8000pts	1sec to 273hrs
DS1922E	●	●		+15°C	+140°C	0.625°C, 0.5°C	>4000pts, >8000pts	1sec to 273hrs
DS1923	●	●	●	-20°C	+85°C	0.625°C, 0.5°C	>4000pts, >8000pts	1sec to 273hrs