Thermocron Temperature Logger
Low-cost, small, robust

World's Smallest, Most Rugged, Lowest Cost Family of Digital Data Loggers

What is an iButton?

An iButton® is a computer chip with a globally unique address, factory-lasered at time of manufacture (think of it as a URL for each iButton), enclosed in a 16mm stainless-steel case. iButtons can include read/write memory, real-time clocks, and temperature/humidity data loggers. They deliver or record data wherever needed. All this power and capability make iButtons ideal for a wide range of applications including environmental data logging, access control, eCash transactions, and asset tracking.

Record Temperature of sample

Record temperature for sterile process

If you're shipping highly sensitive products like pharmaceuticals, the shift of even a few degrees can mean the difference between delivering a safe, effective product and rendering it completely useless.

For shipping highly sensitive product

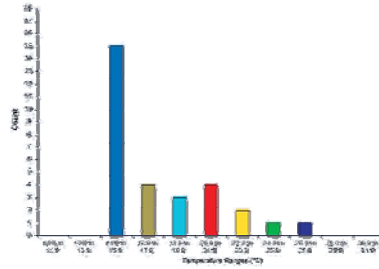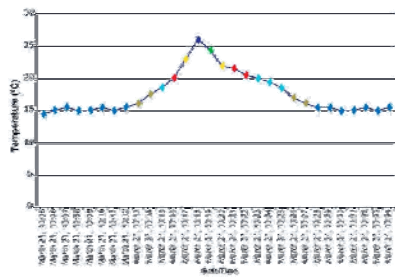Record product's temperature in refrigeration / freezer / cool room

Refrigeration/freezer systems that malfunction can cause significant financial loss if left unchecked. But temperature can be easily monitored by strategically placing Thermochrons or Hygrochrons throughout the areas which require accurate, yet potentially highly dispersed monitoring.

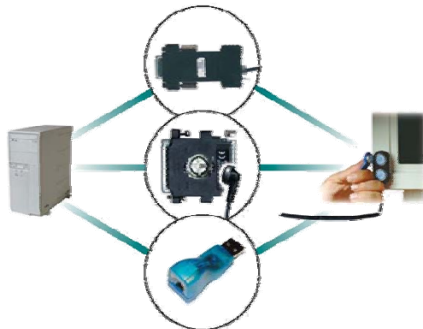บริษัท เมโทรโลยี เทคนิคคอล จำกัด
โทรศัพท์. 0-2530-7757 , 0-2530-7756

Thermochrons Support Two Temperature Logging Modes

Time	Temperature (°C)
March 21, 10:05	14.5
March 21, 10:06	15
March 21, 10:07	15.5
March 21, 10:08	15
March 21, 10:09	15
March 21, 10:10	15.5
March 21, 10:11	15
March 21, 10:12	15.5
March 21, 10:13	16
March 21, 10:14	17.5
March 21, 10:15	18.5
March 21, 10:16	20
March 21, 10:17	23
March 21, 10:18	26
March 21, 10:19	24.5
March 21, 10:20	22
March 21, 10:21	21.5
March 21, 10:22	20.5
March 21, 10:23	20
March 21, 10:24	19.5
March 21, 10:25	18.5
March 21, 10:26	17
March 21, 10:27	16
March 21, 10:28	15.5
March 21, 10:29	15.5
March 21, 10:30	15
March 21, 10:31	15
March 21, 10:32	15.5
March 21, 10:33	15
March 21, 10:34	15.5

Interface Is Simple and Low Cost

One-Touch Interface

How do I communicate with an iButton? Interfacing an iButton to any type of electronics is easy. Information transfers between an iButton and a PC, PDA, a variety of handhelds, or a microcontroller with a momentary contact at up to 142kbps. Simply touch the iButton to a Blue Dot™ receptor or other types of mating probes.

For PCs, we provide low-cost adapters for serial, parallel, and USB ports.

For portable handhelds, see our website to examine the wide range of products available from our third.

Accessories Quickview

COMM. PORT ADAPTERS		
	DS9490R	1-Wire USB Adapter: 1-Wire to USB interface. Connects to all reader/probes with RJ-11 interface.
PROBES/RECEPTORS (READER/WRITER INTERFACES)		
	DR8/DB8	Blue Dot Receptor Cable: iButton read/writer interface. iButtons communicate through Blue Dot interface with just a touch or can be snapped into the Blue Dot for continuous connection. DR8 has RJ-11 interface. DB8 has button interface.
iBUTTON MOUNTS		
	DS9093Ax/F/N	Key Fobs: Allow an iButton to be carried conveniently on a key chain. Available in three different versions and five different colors.

ecification	DS1921G	DS1922T
Temperature Range	-40°c to +85 °c	0°c to +125°c
Resolution Temperature	0.5	0.5 / 0.0625
Accuracy Temperature	± 0.5°c (Between -10°c and +60°c)	±0.5°c
Log size (readings)	2048	8192 / 4096
Sample rate	1 min – 255 min	1 min – 273 hrs

จัดจำหน่าย และ บริการ โดย **บริษัท เมโทรโลยี เทคนิคคอล จำกัด**

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