



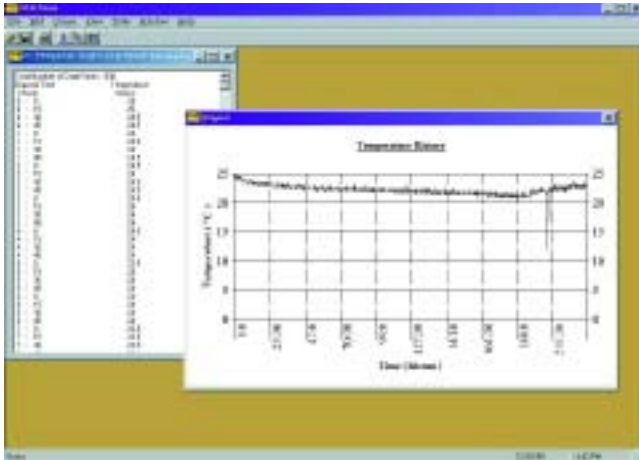
The James IQT System

A flexible and economical temperature monitoring system with extensive memory

Features and Benefits

- Modular design facilitates optimum number of monitoring locations.
- Ruggedized Data Analyzer shows graphic display of temperature history.
- Interval between readings from one minute to 24 hours.
- Memory capacity is over eight thousand readings.
- Multiple use thermocouple sensors lower costs.

Technical Specifications



Computer display of time-temperature chart as monitored by the IQT System.

The IQT System

Temperature history is recorded by the IQT 4020 K Thermocouple. With a reusable K thermocouple, the module can store over eight thousand temperature readings. Intervals between readings, which can be set by the user, can vary from one minute to twenty-four hours.

To analyze the readings the user can upload the data to a PC.

The economical IQT Software (IQT 4050) allows simple uploading of the data to a Windows environment personal computer via the serial port. The data can then be imported into any spread sheet or word processor. Also, the temperature history can be graphically displayed with respect to time.

Sales Numbers & Specifications

MODEL M-IQT-4020: K-Thermocouple Module

MEMORY SIZE: >8000 Data Points

MEMORY TYPE: Non-Volatile

BATTERY TYPE: 2AAA Batteries

BATTERY LIFE @20°C: 30 days recording every 30 minutes

INTERVAL BETWEEN

READINGS: From 1 min. to 24 hrs. in minute intervals

RECORDING TEMPERATURE

RANGE: -20—100°C

OPERATING TEMPERATURE

RANGE: 0°-70°C

DIMENSIONS: 2.5 x 2.75 x 0.5 inches
(63.5 x 70 x 13 mm)

WEIGHT: 6 oz (180 grams)

MODEL M-IQM-4011: 3 ft (1 m) "K" Thermocouple System accuracy $\pm 1^\circ\text{C}$

MODEL M-IQT-4050: PC Data Module Interface

BATTERY TYPE: 9 volt

BATTERY LIFE: 1 Year

CABLE LENGTH: 6 ft

PC CONN TYPE: DB9

DIMENSIONS: 2.5 x 2.75 x 0.5 inches
(63.5 x 70 x 13 mm)

WEIGHT: 6 oz (180 grams)

NDT JAMES INSTRUMENTS INC.
NON DESTRUCTIVE TESTING SYSTEMS

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