

# MICRO-TRAP II

**DYNALCO**  
CONTROLS

## *Microprocessor-based* **Hand-held Data Collector**

*Use the MICRO-TRAP II™ and you can stop taking paper logs. Combined with Dynalco's M-Health, transform raw data into meaningful information.*

**1-Year  
Warranty**



Class I, Division 1,  
Groups A, B, C, and D



### **Benefits**

MICRO-TRAP II is a hand-held data collector that gives you the full advantage of frontline surveillance. It prompts you to each data point, checks each entry, and alerts you if an entry is outside the normal operating range.

Logs are then downloaded to Dynalco's M-Health which correlates the operating data's economic impact on asset condition and performance.

This condition monitoring system converts plant-wide machinery data into meaningful information for operations, maintenance, engineering, and managerial purposes.

MICRO-TRAP II is a simple-to-use data collector that reduces the amount of time between gathering data and making use of data. The electronic format enables the data to be downloaded into your condition monitoring system more quickly and more accurately than by keying in the information.

### **Greater flexibility than paper log**

Paper log sheets often list data entry points in a sequence that does not match the actual

machinery layout, making data collection tedious. For example, jacket water temperature into and out of a unit may be adjacent on a log sheet, but may not be located nearby on the unit. MICRO-TRAP II prompts data collection in the most logical route around the machine. Once the information is transferred to the computer, it can be grouped and displayed in any manner you choose.

MICRO-TRAP II and M-Health give the operator the full advantage of frontline surveillance. The operator is alerted when any reading is outside normal operating range.

Many problems will be caught before further damage occurs, efficiency is reduced, or your process is affected.

### **Optimize data collection**

Get the most from the time you spend logging data. Once MICRO-TRAP II captures the data, M-Health transforms your logs into meaningful information so you can optimize plant performance—improving efficiency, reliability, and safety.

## Features

### Environmental

- Water resistant
- Rugged construction
- RFI & EMI Resistant

### Processor

- Hitachi HD64180

### Memory/Storage Capacity

- Log templates
  - Maximum of 99 unique log templates
  - Maximum of 160 parameters/log
  - Up to 4,350 unique parameters or test points

### ● Data capability

- Multiple logs up to 40,000 data entries

### Communications

- Data transfer rate: 2400 baud
- Industry standard RS-232C data link

### Route Display

- Log sheet and gauge description
- Gauge (edit) range
- Operating range alert levels
- Date and time
- Available memory
- Low battery indicator
- Previous gauge reading: always, never, flashed on demand
- Goto function
- Edit entry or log

## Battery

- High capacity rechargeable NiCad battery pack, 1400 mA hours
- Full charge and trickle charge with red/green indicator
- 120 hours between full charges

## Package includes

- Nylon external case with clear plastic front
- Communication cable
- Battery charger and cable
- User manual

## Specifications

**Dimensions:** 7.3 in. H x 4.5 in. W x 1.5 in. D (185 mm H x 114 mm W x 38 mm D)

**Weight:** 1.9 lbs ( 0.86 kg)

**Keypad:** Sealed rubber face

**Display:** 4-line, 80-character LCD

**Connector:** Single connector for charger and communications

**Operating temperature:** -4° to +140°F (-20° to +60°C)

**Storage temperature:** -22° to +158°F (-30° to +70°C)

## Warranty

- One year parts and labor
- Product service agreement available

### A MICRO-TRAP II in use.

Operator is prompted for data collection in a user-designated order and is alerted when any reading is outside normal operating range.

Many problems will be caught before further damage occurs, efficiency is reduced, or your process is affected.

Use with Dynalco M-Health to transform data.



**CRANE**

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