

# Powerful & Portable Data Acquisition Stations

## MV1000/MV2000

New MVAdvanced portable data acquisition and display stations are high performance and easy to use test instruments that handle a wide range of measurements in your lab, plant, or test stand. MVAdvanced has powerful stand-alone data logging capability, and it connects easily to your network to bring your test data directly into your PC environment.



MV1000(24ch)



MV2000(48ch)

### Reliable Recording

Stable multi-channel measurements with long term recording capability

Record

Set up

### Fast Setup

Simple, easy to use setting menus

# MVAdvanced™

Monitoring

Analysis

**Smart Analysis.** Real-time and historical data displays with seamless integration to your PC environment for easy data analysis

### Brilliant color display

Versatile, intuitive data display modes provide information at a glance

- **Multi-channel universal inputs** Class Best-in  
MV1000: **up to 24 input channels**  
MV2000: **up to 48 input channels**
- **Secure, high capacity memory** Class Best-in  
Internal memory: **200 MB**  
(Example: Save 12 channels of data every second for about 70 days!)  
Choice of Compact Flash and USB removable storage media
- **Detachable input terminals** simplify field wiring
- **Lightweight aluminum construction** (MV2000)
- **Choice of secure binary or versatile text data file formats**
- **Advanced network connectivity** with Email, file transfer, and web server functions.

\*Comparison with the conventional model



Initiative to make recording paperless saves resources.

# MV1000/MV2000

# MVAdvanced

**Easy to use MVAdvanced recording technology excels in both portable and permanent test applications**



## Standard universal inputs with the capacity you need

MV1000: up to 24 input channels, MV2000: up to 48 input channels  
MV2000 is expandable to 348 channels (48 local plus 300 external) using optional external data acquisition hardware Measures thermocouples, RTD, DI, and almost any DC voltage sensor.



## Detachable Input Terminals

Plug-in connectors attach quickly to your wiring and enhance portability. Extra connectors are a low cost accessory.

## Large Memory

Up to 200 MB of secure, non-volatile flash memory is used for real-time data storage. Saved data is retained during power outages of any duration, and the MVAdvanced automatically resumes measurement and storage immediately after power is restored. Compact Flash removable media stores archived data files for convenient transport to your PC environment.



## Example of saving data to internal memory\*

MVAdvanced Standard memory

Approx. 30 days

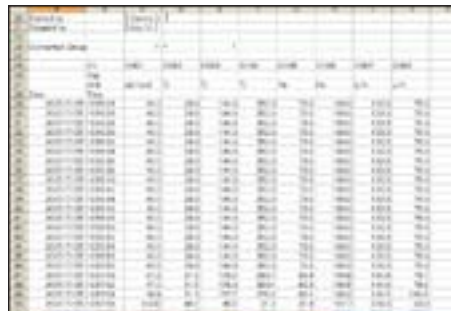
MVAdvanced Large memory

Approx. 70 days

\*Condition  
•Sampling interval: 1sec  
•Measurement channel: 12ch  
•Binary save mode

## Fast setup and multilingual menus

Quick setting menu- the system is ready to measure after visiting three menus. USB port- attach a PC keyboard for setup or use a memory device to transfer setting files and data between a PC and MVAdvanced. Multilingual menus, supporting Chinese, English, French, German, Japanese, and Korean languages



## Text File Format

MVAdvanced can save data files in a .txt text file format, which allows a wide range of common software applications to readily open and access your test data. For data security, a binary file format can also be used.

## General Specifications

### ● Dimensions and Weight

MV1000: 189 mm wide (7.4") × 177 mm high (7.0") × 259 mm deep (10.2"). Weight: approximately 3.5 kg (8 lbs)  
MV2000: 307 mm wide (12.1") × 273 mm high (10.75") × 260 mm deep (10.2"). Weight: approximately 5.6 kg (12.5 lbs)

### ● Models and Input Capacity

Input channels and measurement interval

Model	Type	Measurement Interval*
MV1000	MV1004(4channels),MV1008(8channels)	125ms(25ms)
	MV1006(6channels),MV1012(12channels),MV1024(24channels)	1s(125ms)
	MV2008(8channels)	125ms(25ms)
MV2000	MV2010(10channels),MV2020(20channels),MV2030(30channels),MV2040(40channels), MV2048(48channels)	1s(125ms)

\* Numbers in parentheses are when in high-speed mode.

### ● Memory

Internal memory

Capacity: standard: 80 MB  
LARGE: 200 MB

### ● Removable Storage Media

Type: Compact flash (CF) memory card, USB memory  
Capacity: Up to 2 GB (32 MB CF card included)  
Format: FAT16 or FAT32

### ● Software

Includes configuration and file viewer and conversion PC software

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