

AutoMet 466A Data Logger

466A

The AutoMet 466A Data Logger combines the performance necessary to meet worldwide standards with ruggedness, reliability, and portability. Without complex programming, the 466A Data Logger acquires, displays, logs, alarms, and transmits critical data.

Features

- **Easily** integrates with sensors to meet the data collection requirements of key regulations, including EPA PSD, and WMO.
- **Quick** deployment, installs in minutes
- **Convenient** display and screen-specific keys for easy programming
- 200 Days of **storage** capacity at one hour intervals
- **Communications** flexibility, including modem, radio.
- Convenient, small, rugged **data transfer module**
- **Low power** for solar, battery operation, in remote locations

Communicating with the 466A can be as simple as connecting directly to a PC or printer, or by using modems, radio telemetry, cellular telephones, or a portable data transport module.

The 466A interfaces to a wide variety of sensors, including those measuring wind speed, direction, temperature, humidity, barometric pressure, solar radiation, and rain amounts. When



The AutoMet Model 466A Data Logger

using Met One's 500 series, the 466A automatically detects the sensor. Up to eight analog inputs (including one counter for wind speed), rain gauge counter, and one wind sigma calculation can be connected simultaneously.

Once acquired, data can be displayed, stored, or evaluated for alarm conditions. Alarms allow relays to trigger local controls, annunciators, or communications devices.

The large display, and screen-specific keypad provide on-site information and easy programming. The menu-driven screens mean

users do not need to understand the complex programming strings that are required by many data loggers.

The AutoMet's portability and quick deployment are enhanced by a convenient power system, including a 12 vdc primary operating voltage. This, along with convenient optional carrying cases, permits the AutoMet's operation in remote areas where solar power and battery-back-up are needed.



Met One Instruments, Inc.

Corporate Sales & Service: 1600 Washington Blvd., Grants Pass, OR 97526, Phone (541) 471-7111, Fax (541) 471-7116
Distribution & Service: 3206 Main Street, Suite 106, Rowlett, TX 75088, Phone (972) 412-4747, Fax (972) 412-4716
<http://www.metone.com> • metone@metone.com

Specifications

Analog Inputs

8, 12 bit (4096 segments)
(2 inputs may be used as counters)
8, 8 bit (1024 segments)

Sensor Input Ranges

0 - 2.5 vdc (consult for other ranges)

Control/Alarm Outputs

2, Form C Relay Contacts

Data Ports

1 each, RS-232 Communications
1 each, RS-232 Printer Port
1 each, RS-232 ADA Control Port

Memory and Storage Capacity

200 Days of hourly data
288K bytes of system memory
160K bytes of storage memory

Display

Backlit LCD with auto time-out
40 Character, Width
8 Lines

Keypad

Four operation selection keys
Four motion selection keys
Four function selection keys

Environmental

Operating Temperature

0°C to +60°C (Extended Range Available)

Physical

Weight:

7.1 lbs (3.2 kg)

Dimensions:

11.75 in (298 mm) high
9.75 in (248 mm) wide
6.80 in (173 mm) depth