# Met One Instruments





# INSTALLATION

Installation is a snap with the AutoMet. Each system is pretested and certified. Measurements may be easily added in the future using any AutoMet™ Sensor. The supplied tool kit enables anyone to do the installation.

For portable applications, AX carrying cases provide convenient transport and the "Easi-Up" tripod takes less than 5 minutes to deploy.

### CONSTRUCTION

The AutoMet sensor array is solidly constructed of aluminum alloy and finished with a protective gloss white powder coat paint.



The electronics data package is housed in a non-ferrous Nema 4 enclosure. All electronics are conservatively rated, circuit boards are environmentally coated, with built-in surge protection.

# **HNPUTS**

8 analog, and 1 pulse (Rain)

# POWER REQUIREMENTS

12 VDC from internal battery pack, external expansion battery, solar panel or 115/230 VAC using the power module.



Sales & Service: 1600 Washington Blvd., Grants Pass, OR 97526 Phone 541/471-7111, Fax 541/471-7116

Regional Service: 3206 Main St., Suite 106, Rowlett, TX 75088

Phone 214/412-4747, 214/412-4715, Fax 214/412-4716

http://www.metone.com

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# Met One Instruments

# AUTO-PROGRAMMING

AUTOMET™ SENSORS

STANDARD SENSORS

face.

cedures.

ments.

Gathering reliable data has never been easier. AutoMet features a unique self-configuring interface allowing it to program itself. Simply plug in an AutoMet<sup>™</sup> Sensor and AutoMet identifies the sensor type, determines its range, and writes the programming to record the sensor data.

AutoMet sensor array consists of

selected sensors that incorpo-

rate the unique AutoMet inter-

AutoMet will also work with a

wide variety of standard sensors.

Standard sensors are used with

your logger, their logger or any

of our other standard loggers.

Optional Automatic Direction Alignment (ADA) unit allows the

system to collect valid wind

PASSWORD PROTECTION

AVERAGING PERIODS

data without the necessity of

manual compass alignment pro-

Set-up files are protected by 4-

character passwords to ensure data integrity. Passwords may be changed at any time.

Quick and easy setting of flexi-

or 60 minutes ensures compliance with regulatory require-

- WIND SPEED
- WIND DIRECTION
- TEMPERATURE
- RELATIVE HUMIDITY
- SOLAR RADIATION
- BAROMETRIC

PRESSURE

- PRECIPITATION
- AND MORE.

CONSULT FACTORY

# AUTOMATIC ALARMS

Two automatic alarms may be set at any measurement channel to signal personnel about hazardous conditions or to turn equipment on or off in the event that measurement falls above, below, or within predetermined ranges.

#### DATA STORAGE

Internal memory module is sufficient to collect data for a period in excess of 200 days, when data is recorded on an hourly basis.

# FIELD DIRECT DATA

Collecting real time or historical data from a field site has never been easier. Data can be read on site using the built-in display, your portable computer, printer, or carried off site by using Data Transfer Module.

# DATA TRANSFER MODULE

The palm size Data Transfer Module may be used to transfer data from the AutoMet to any computer equipped with an RS-232 communications port.

# LARGE BUILT-IN DISPLAY

AutoMet includes a keyboard with 8 X40 character back-lit LCD display which allows system configuration, operation, and retrieval of data with simple menu-driven commands and context sensitive hot-keys.

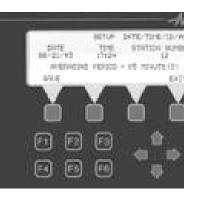
Prompted display provides the easiest, quickest way to set up and scan data. Special calibration mode marks data gathered during calibration periods.

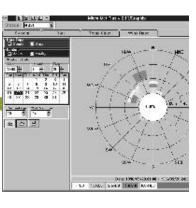
#### SOFTWARE

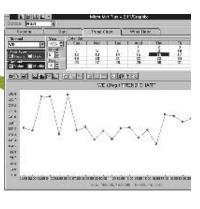
AutoMet Software is a complete package of communications, data collection, and data reporting tools with a windowslike operating environment. AutoMet Software provides complete environmental reporting in compliance with EPA and other requirements. Software support for modem, radio, direct connection, and Data Transfer Module are provided.

Summary reports are generated by AutoMet Report using monthly data files. The operator selects the period to be printed with beginning and ending prompts. Report footers provide the summary scalar averages, vector averages and percentage of data collection. AutoMet Plus Software, operates under both Windows 3.1° and greater, and Windows 95°. It provides the same reporting functions plus full graphic capabilities. Data may be reported, graphed and wind rose plots may be produced.











DESKTOP DATA

a dial-up modem.

TELEMETRY OPTIONS

Data is available on command

using AutoMet and any of the

communications options avail-

able. Data may be transferred

to desktop computer directly

via cable, radio telemetry or by

A license free spread spectrum

radio system provides a high reli-

sensor array control unit and the

ability data link between the

remote display module.

