ENVIROMONITORS

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WatchDog A-Series Loggers

Product Images

Short Description

WatchDog A-Series loggers are an affordable way to track environmental conditions for analysis.

Description

WatchDog A-Series loggers are an affordable way to track environmental conditions for analysis.

Additional Information

Explanation	The WatchDog A-Series loggers are the most affordable way to track environmental conditions for analysis. Whether your needs are plant disease alerts or soil moisture monitoring, the A-Series Data Loggers will deliver the information you need for timely, accurate data that will result in increased profits. Removable soft caps keep ports clear of debris, and slide out hanger makes attachment simple. • Exclusive LCD display – An LCD display confirms logger operation and provides current sensor readings. View your weather data – without downloading to a PC. LCD display confirms logger operation and displays current sensor readings • Built in data logger – A-Series Loggers have a logger capacity up to 8,000 measurements (4,000 per channel using both channels, 5,333 for A160 logger); Select measurement intervals from 1 to 120 minutes. A 30 minute interval will record for 111 days before the station's memory is full. Data is stored in fail-safe, EEPROM memory. • Weather resistant* – A150 and A110 loggers are in an IP65 enclosure, A125 and A130 loggers are in an IP54 enclosure. • *A160 is indoor use only and must be protected from moisture Measure temperature, humidity, and leaf wetness (models my vary).
Contents	Logger. A160 needs to be mains powered so includes adapter.
Ideal For	Agronomy
Computer	SpecWare 9 (Pro or Basic, v9.1 or later) and the A-Series PC Connection Cable are required.
Sensors	Specifications in separate line apart from A160 Logger Specification shown below: • Logger Capacity: 15,999 data points (5,333 per sensor) • CO2 Range: 0 to 9999 ppm • CO2 Accuracy: ±50ppm ±5% of reading from 0 to 2000 ppm, else unspecified • Temperature Range: 14 to 140°F (-10 to 60°C) • Temperature Accuracy: ±1.0°F (±0.6°C) • Humidity Range: 5.0 to 95.0% RH (avoid condensation) • Humidity Accuracy: ±3% RH at 77°F (25°C) (10 to 90% RH, else ±5% RH) • Warm up: 30 seconds • Power Supply: 100-240VAC adapter to 5VDC 500mA • Pressure Dependence: +0.16% of reading per 1 hPa deviation from normal pressure of 1000 hPa • Logger Capacity: 15,999 data points (5,333 per sensor) • Dimensions (w/o A/C adapter): 4.75x4x4in (12x10.5x10.5cm)

Batteries	Battery powered – State-of-the-art low power consumption electronics are supported by an 12-month battery power source (CR2 included). No solar panels to purchase and maintain. A160 requires A/C power.
Specification	• Operating temperature range: -22 to 140ºF (-30 to 60ºC) • Temperature range: -40 to 185ºF (-40 to 85ºC) • Accuracy: ±1.1ºF (±0.6°C) at -4 to 122°F (-20 to 50°C), else ±2.2°F (±1.2°C) • RH range: 0 to 100%, Accuracy: ±3% at 77

Products in this set

	A110 Temperature Logger Temperature logger from the A-Series range which will deliver the information you need for timely, accurate data that will result in increased profits	
	A125 Temp/Ext Temp Logger Temp/Ext Temp logger from the A-Series range which will deliver the information you need for timely, accurate data that will result in increased profits	
	A150 Temp/RH Logger Temp/Humidity logger from the A-Series range which will deliver the information you need for timely, accurate data that will result in increased profits	
	A130 Temp/Leaf Wetness Logger Temp/Leaf Wetness logger from the A-Series range which will deliver the information you need for timely, accurate data that will result in increased profits	
	A160 Temp/RH/CO2 Logger em	