



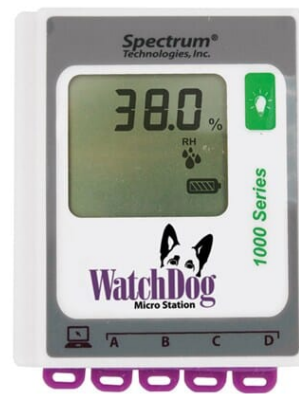
Spectrum WatchDog 1400 Micro Station Data Logger (4 External Sensor Ports)

Product Images



DESCRIPTION	EXTERNAL SENSOR	EXTERNAL PORTS	MAX NUMBER OF SENSORS
MODEL 1400 Rev 3048001	TEMPERATURE	4	2
MODEL 1400 Rev 3047001	RELATIVE HUMIDITY	4	2
MODEL 1400 Rev 3046001	TEMPERATURE	2	1
MODEL 1400 Rev 3045001	RELATIVE HUMIDITY	2	1
MODEL 1400 Rev 3044001	TEMPERATURE	3	1
MODEL 1400 Rev 3043001	NONE (EXTERNAL ONLY)	4	2
MODEL 1390 Rev 3042001	TEMPERATURE	NONE	0
MODEL 1390 Rev 3041001	RELATIVE HUMIDITY	NONE	0
MODEL 1380 Rev 3040001	TEMPERATURE	1	0
MODEL 1380 Rev 3039001	RELATIVE HUMIDITY	1	0
MODEL 1380 Rev 3038001	NONE (EXTERNAL ONLY)	2	1
MODEL 1370 Rev 3037001	TEMPERATURE	2	1
MODEL 1370 Rev 3036001	RELATIVE HUMIDITY	2	1
MODEL 1360 Rev 3035001	TEMPERATURE	1	0
MODEL 1360 Rev 3034001	RELATIVE HUMIDITY	1	0
MODEL 1350 Rev 3033001	TEMPERATURE	1	0
MODEL 1350 Rev 3032001	RELATIVE HUMIDITY	1	0
MODEL 1350 Rev 3031001	TEMPERATURE	1	0
MODEL 1350 Rev 3030001	RELATIVE HUMIDITY	1	0
MODEL 1340 Rev 3029001	TEMPERATURE	1	0
MODEL 1340 Rev 3028001	RELATIVE HUMIDITY	1	0
MODEL 1330 Rev 3027001	TEMPERATURE	1	0
MODEL 1330 Rev 3026001	RELATIVE HUMIDITY	1	0
MODEL 1320 Rev 3025001	TEMPERATURE	1	0
MODEL 1320 Rev 3024001	RELATIVE HUMIDITY	1	0
MODEL 1310 Rev 3023001	TEMPERATURE	1	0
MODEL 1310 Rev 3022001	RELATIVE HUMIDITY	1	0
MODEL 1300 Rev 3021001	TEMPERATURE	1	0
MODEL 1300 Rev 3020001	RELATIVE HUMIDITY	1	0
MODEL 1290 Rev 3019001	TEMPERATURE	1	0
MODEL 1290 Rev 3018001	RELATIVE HUMIDITY	1	0
MODEL 1280 Rev 3017001	TEMPERATURE	1	0
MODEL 1280 Rev 3016001	RELATIVE HUMIDITY	1	0
MODEL 1270 Rev 3015001	TEMPERATURE	1	0
MODEL 1270 Rev 3014001	RELATIVE HUMIDITY	1	0
MODEL 1260 Rev 3013001	TEMPERATURE	1	0
MODEL 1260 Rev 3012001	RELATIVE HUMIDITY	1	0
MODEL 1250 Rev 3011001	TEMPERATURE	1	0
MODEL 1250 Rev 3010001	RELATIVE HUMIDITY	1	0
MODEL 1240 Rev 3009001	TEMPERATURE	1	0
MODEL 1240 Rev 3008001	RELATIVE HUMIDITY	1	0
MODEL 1230 Rev 3007001	TEMPERATURE	1	0
MODEL 1230 Rev 3006001	RELATIVE HUMIDITY	1	0
MODEL 1220 Rev 3005001	TEMPERATURE	1	0
MODEL 1220 Rev 3004001	RELATIVE HUMIDITY	1	0
MODEL 1210 Rev 3003001	TEMPERATURE	1	0
MODEL 1210 Rev 3002001	RELATIVE HUMIDITY	1	0
MODEL 1200 Rev 3001001	TEMPERATURE	1	0
MODEL 1200 Rev 3000001	RELATIVE HUMIDITY	1	0





Short Description

Logger with 4 external ports.

Description

The WatchDog 1400 Micro Station receives environmental data from up to four external sensors.

Micro Stations are the cost-effective choice for recording environmental conditions. With a huge range of interchangeable sensors available to monitor air/soil temperature, humidity, soil moisture, UV, rainfall and much more; WatchDog 1000 Series Micro Stations deliver vital information for timely, accurate decisions.

Note: the 1400 Micro Station does not contain any internal sensors. If you require built-in temperature and/or humidity sensors, please see our other [1000 Series Micro Station options](#).

Additional Information

Brand	Spectrum Technologies
Measurements	Barometric Pressure, CO2, Humidity, Leaf Wetness, PAR/Quantum Light, Rainfall, Soil Moisture, Solar Radiation, Temperature, UV, Water Temperature
Typical applications	Datalogging, Environmental (Indoor), Environmental (Outdoor), Field Research, Weather Monitoring
Explanation	<ul style="list-style-type: none">• Attach up to 4 external sensors (select the sensors you need from the 'Optional Sensors' above)• LCD screen displays current sensor readings and battery level• Select measurement intervals from 1 to 60 minutes• Log 10,584 intervals (220 days at 30 minute intervals), 8,064 intervals with virtual channels enabled (for SMEC 300 sensor)• Data is stored in fail-safe non-volatile memory• Water-resistant case• Transfer data with a data transmission cable (included with the SpecWare software package), or Data Shuttle
Ideal For	Agronomy
Batteries	1 x CR2450 (12 month life), included
Power	Battery only
Compatibility	View a WatchDog Product Line compatibility chart (PDF) to ensure you are selecting the correct model for your requirements.
Sensors	View the complete range of compatible sensors and accessories (PDF) . To purchase these, select from the 'Optional Sensors' / 'Other Accessories' above.
Software	<ul style="list-style-type: none">- Requires SpecWare 9 Basic or Pro (v9.2 or later) software.- Download the accumulated data at your convenience. SpecWare will present the data in graphical and tabular form. Use the software to calculate growing degree days and chill hours, and/or view daily, monthly, and yearly reports.- Optional disease models can assist you with Integrated Pest Management decisions.- The Pro version is required for disease models and custom reporting.

Installation	<ul style="list-style-type: none">- We offer a water-resistant Sliding Enclosure and a Waterproof Enclosure to protect your micro station from the elements.- For outdoor and greenhouse use, the WatchDog station must be placed in a Radiation Shield to protect it from solar radiation and other sources of reflected heat. The radiation shield also protects the station from rain. These can be selected from the 'Other Accessories' above.
Specification	Operating Temperature Range: -22° to 130°F (-30° to 55°C)

Additional Options

Software Version	SpecWare 10 Pro Software
	SpecWare 10 Basic Software
Optional Plant Disease and Insect Alert Modules for SpecWare 9 Pro Software (hold down Ctrl & click to select multiple options)	Apple/Pear Alert Package
	Grape Alert Package
	Tomato Alert Package
	Potato Alert Package
	Cherry Alert Package
	Turf Alert Package
Other Accessories (hold down Ctrl & click to select multiple options)	Radiation Shield
	Sliding Enclosure to protect Micro Station
	Waterproof Enclosure
	Data Shuttle
Optional Sensors (hold down Ctrl & click to select multiple options)	Silicon Pyranometer Sensor
	UV Light Sensor
	Quantum / PAR Light Sensor
	3 Sensor Quantum / PAR Light Bar
	6 Sensor Quantum / PAR Light Bar
	SM 100 Soil Moisture Sensor (with 1.8m cable)
	SM 100 Soil Moisture Sensor (with 6.1m cable)
	SMEC 300 (Soil Moisture/EC/Temperature) Sensor with (with 1.8m cable)
	SMEC 300 (Soil Moisture/EC/Temperature) Sensor with (with 1.8m cable)
	SMEC 300 EC Calibration Device

	External Soil/Air/Water Temperature Sensor (with 1.8m cable)
	External Soil/Air/Water Temperature Sensor (with 6.1m cable)
	Soil Moisture Sensor (with 6.1m cable)
	Soil Moisture Sensor (with 1.8m cable)
	Tipping Bucket Rain Collector
	Tensiometer Pressure Transducer
	Irrigation On/Off Sensor
	Barometric Pressure Sensor
	Temperature Micro Sensor (to measure surface temperature of leaves & other applications)
	Leaf Wetness Sensor
	CO2 Sensor
Mounting Options	Universal Mounting Pole Kit (WS-7717) (Limited Offer)!
	Universal Crank-shaped Mounting Pole Kit (WS-7715-CRANK)
	Davis Mounting Pole Kit (DI-7717)
	Davis EZ-Mount Tripod (DI-7716-00)