



DISCONTINUED: Oregon Scientific WMR300

Product Images





Short Description

Wireless weather station to display and record weather information, with built in datalogger.

Description

Move beyond amateur backyard weather stations with the Oregon Scientific WMR300 Ultra Precision Professional Weather Station!

The Oregon WMR300's built-in data logger gathers and automatically uploads accurate and detailed weather

data to your PC, for ease of access in tracking mid to long-term weather patterns. Customisable recording interval settings allow you to capture and store information at selected intervals for improved usability in research and study.

On the WMR300 touch screen console you will see:

- Weather data log (up to 24 months)
- Weather forecast
- Indoor and outdoor temperature and humidity
- Barometric pressure
- Heat index
- Wind chill/direction/speed
- Moon phase
- Sunrise/sunset
- Rainfall measurement/rate
- Precise radio-controlled time
- Alarm

Solar powered and capable of wirelessly transmitting data up to 300m (three times as far as its predecessor, the Oregon WMR200); the system makes it easy to monitor micro-climates for land and crop management, gather and analyse weather data in difficult terrain, and more. Made for professional and industrial use, this superior wireless weather station can also help you take your research to the next level.

Additional Information

Promotion	This product has been discontinued. For alternatives, please see Weather Stations for Enthusiasts
Brand	Oregon Scientific
Contents	Includes WMR300 console/receiver, integrated sensor suite, and mounting hardware. Integrated sensor suite includes rain collector, temperature and humidity sensor, anemometer, 6m anemometer cable and solar panel. Electronic components are housed in a weather-resistant shelter.
Explanation	<p>The The Oregon Scientific WMR300 is a standard-certified wireless weather station designed to meet professional industry standards, with sensors built to NIST-traceable standards.</p> <p>The WMR300 Weather Station is the most affordable professional-quality data-logging weather station.</p> <p>Key features:</p> <ul style="list-style-type: none">- Touch screen console- Wireless communication- Easy to set up- PC connectivity for analysis and tracking of your weather. <p>Video for the WMR300:</p>
Ideal For	Professional, Education, Amateur, Interested, Gardeners, Agronomy
Indoor Unit	<ul style="list-style-type: none">• Wireless console with large, 90 X 150 mm, backlit LCD touch screen• Barometric Pressure in the range 540-1100mb/hPa displays mb, hPa or in/mm Hg• Indoor temperature in the range 0° to 60°C displays °C or °F• Indoor humidity in the range to 0% to 99% RH• 12/24 hour clock and calendar synchronises with either MSF (UK) or DCF (Germany) clock signal• Moon phase displayed in quarters• Local weather forecast icons tell you what to expect in the next 12-24 hours• Graphical display of up to 24 months of detailed weather data at a time• Table Standing
Computer	PC upload with included USB cable. Console includes built-in datalogger to record weather data at set intervals: 1 minute intervals 22 days, 5 minute intervals 113 days, 15 minute intervals 341 days, 60 minute intervals 1364 days.
Finish	White with grey surround

Dimensions	205 x 146 x 52.5 mm
Batteries	3 x C cells included for back up
Power	UK adapter included
Outdoor Unit	<p>The Integrated Sensor Suite (ISS) includes the tipping bucket rain collector and the radiation shield for the temperature / humidity sensor. The tipping bucket mechanism records rain every 0.2mm and is chrome plated to reduce loss through evaporation. The anemometer is supplied with a 6m cable to plug into the ISS transmitter.</p>
Sensors	<ul style="list-style-type: none"> • Wind Speed displayed in the range 0 to 179mph (0-80m/s) displayed in mph, knots, m/s or kph • Wind Direction displayed in 16 points of the Compass Rose or 0° to 360° • Temperature in the range -40°C to +65°C displayed in °C or °F • Relative Humidity in the range 0% to 99% • Rainfall in mm or inches and rate in mm or inches per hour • Calculated values for windchill, dew point and heat index
Dimensions	350 x 220 x 360 mm
Batteries	1 x AA 1.2V Rechargeable Battery
Power	Solar Powered
Software	<p>Oregon Scientific Weather Display Basic is provided Free of Charge by Weather Shop which includes a 30 day trial of Weather Display full version. Stored data on the console can be downloaded using Weather Display full version. Weather OS Pro provided by Oregon Scientific is also included.</p> <p>Software allows you to download and track weather information in real time, giving a better understanding of the change in your environment. Graph plotting, data analysis and monitor can easily be done on PC. Full set of weather data with time stamp recorded automatically.</p>
Installation	<p>Installation is very simple and can be carried out by almost anyone with a few basic tools. The only thing you should remember is to take care if you have to work at height.</p> <p>The outdoor sensor suite and anemometer are supplied with U clamps for a 45mm Ø pole and coach screws for a post or wall. Larger U clamps can be used up to 65mm Ø</p>

Additional Options

Additional Software	Weather Display Demo CD
	Weather Display CD & Activation Code
Mounting Options	Universal Mounting Pole Kit (WS-7717) - Limited Offer
	Universal Crank-shaped Mounting Pole Kit (WS-7715-CRANK)