



BWS200 Basic Weather Station

An entry level Campbell weather station - This is now obsolete.
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Fully Configured Research Grade Weather Station

Overview

The Basic Weather Station (BWS200) offers professional weather monitoring and outstanding value for money. The standard BWS200 consists of a weatherproof enclosure which contains the datalogger and power supply, and comes complete with a solar panel and basic range of sensors standard set of sensors covering: Air Temperature, Relative Humidity, Wind Speed and Wind Direction, with options for precipitation (tipping bucket rain-gauge) and solar energy (pyranometer).

Campbell Scientific weather stations have become the worldwide standard for meteorological monitoring. In use on every continent and in virtually every country, our

weather stations are known for their precision measurements, rugged construction, wide operating temperature range and low power consumption.

Now the Basic Weather Station brings Campbell Scientific quality and reliability to an even wider range of applications! When you need a limited number of measurements (wind speed and direction, for example) and are unlikely to need the flexibility of other Campbell Scientific systems, the BWS200 is the ideal choice.

Technical Description

The Basic Weather Station uses a reliable, high-accuracy datalogger. The datalogger is protected by a waterproof/dustproof enclosure which can be padlocked. The system is supplied pre-programmed and the enclosure pre-wired for simple installation and use.

The BWS200 is powered by rechargeable lead-acid batteries. When running the standard program, the integral 5W solar panel will easily keep the batteries charged throughout the year. Additional power may be required where radio communications exceed once a day, for continuous communication connection or where solar panel is obscured or effectiveness reduced by latitude.

The system includes the following Items:

Enclosure 10/12

CR200x Datalogger

Solar panel 5W

CS215 Temperature & Relative Humidity Probe

03002 Wind Sentry - wind direction and wind speed sensor

CM202 Cross-arm

Optional:

CS300 Pyranometer

ARG100 Tipping bucket rain gauge

CS100 Barometric Pressure Sensor

For comprehensive details, visit: www.campbellsci.eu/bws200



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