



Full-Featured Weather Station

For Budget-Conscious Researchers

Measurements

- Wind speed
- Wind direction
- Air temperature
- Relative humidity
- Barometric pressure
- Precipitation
- Solar radiation

Overview

The WxPRO™ is an entry-level, research-grade weather station, designed for a wide-variety of environmental applications. This portable tripod station is suitable for both long-term and temporary deployments.

Designed for the budget-conscious researcher, this system is a lower-cost offering than the MetPRO™ while maintaining the quality instrumentation

you'd expect from a Campbell Scientific solution. This system implements research-grade sensors, which are needed for defensible data in environmental research. The WxPRO's meteorological measurements can be used to calculate evapotranspiration, growing-degree days, wind chill, dew point, and other weather-related parameters.

Benefits and Features

- › Full-featured weather station for the budget-conscious researcher
- › Obtain defensible data with high-accuracy instruments
- › Deploy system remotely for unattended long-term monitoring
- › Low-power design
- › Connect remotely with many communication options
- › Customize system for specific application needs

More info: 435.227.9120

www.campbellsci.com/wxpro



Components

- 1 CR300-WIFI Measurement and Control Datalogger with integrated Wi-Fi modem
- 2 BP7 7 Ah Battery and Mount
- 3 SP10 10 W Solar Panel
- 4 03002 RM Young Wind Sentry with 17953 Nu-Rail Fitting
- 5 CM204 4 ft Crossarm
- 6 TE525 Tipping Bucket with user-supplied mounting post or pipe
- 7 CS215 Temperature and Relative Humidity Probe and RAD06 6-Plate Radiation Shield
- 8 CS300 Solar Radiation Sensor with 18356 Leveling Base and CM225 Solar Radiation Mount
- 9 ENC10/12 Enclosure, 10-inch-by-12-inch
- 10 CS100 Barometric Pressure Sensor
- 11 CM106B 6 ft Tripod

Some system sensors and components may not be available in all parts of the world. Contact your regional Campbell Scientific representative for details.

Customizations

You can order the WxPRO™ with the parts shown above or as a complete pre-wired, pre-programmed, pre-configured system.

This system is also fully-customizable. You can add sensors, measurement peripherals or communications devices to meet the needs of your specific application. Contact a Campbell Scientific sales engineer to design your custom solution.

