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. TES25 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.