

WE900 4-20mA Weather Station



Description

Global Water's 4-20mA Weather Station was designed to be a drop in weather monitoring system for integration with existing systems. The 4-20 mA current loop sensors were designed to interface with any SCADA, PLC, or RTU system that can accept multiple 4-20mA inputs.

Solar Shield

A ventilated sun shield, WE770, with high reflectiveness, low heat retention and low thermoconductivity is provided as protection for the Temperature and Humidity Sensors.

Mounting Hardware

Global Water's Weather Station includes full assembly on a sturdy and durable stainless steel tube frame that can be mounted onto a pre-existing base or onto the Global Water Tripod, WE830, for upright installation. The unit is designed for durability and endurance in harsh conditions.

The standard Global Water 4-20 mA Weather Station includes the following weather sensors and hardware:

- WE550 Wind Speed Sensor
- WE570 Wind Direction Sensor
- WE700 Temperature Sensor
- WE600 Humidity Sensor
- WE770 Solar Shield
- WE820 Y-Frame

Applications

Designed for general meteorological applications, the Global Weather Station is a rugged and low-cost solution to a variety of weather monitoring requirements:

- Agriculture
- Education
- Environmental Studies
- Landfills
- Reclamation
- Wastewater Facilities
- Water Budget Analysis
- Water Conservation

Options and Accessories

WE900 4-20mA Weather Station

Optional Equipment

- WE830 Tripod
- WE100 Barometric Pressure Sensor
- WE300 Solar Radiation Sensor
- RG600 8" Rain Gauge
- RG200 6" Rain Gauge
- AT210 Soil Moisture Sensor
- LW100 Leaf Wetness Sensor
- EP180 Evaporation Pan
- SP101 Solar Panel (80mA)
- SP102 Solar Panel (350mA)
- WL400 Water Level Sensor

Contact
Global Water
for all your
instrumentation
needs:
Water Level
Water Flow
Water Samplers
Water Quality
Weather
Remote Monitoring
Control