



WatchDog® 2000 Series Weather Stations

Base your growing decisions on your weather, not the airport's

- Full-featured weather stations measure temperature, humidity, rain, wind and solar radiation (varies by model)
- Customize your station with plug-in sensors to meet your needs
- Accurate, real-time weather information directly from your orchard or vineyard
- Monitor, record and analyze over a dozen important growing conditions
- Log your data in fail-safe, non-volatile memory
- Choose measurement intervals from 1 to 60 minutes (holds 183 days of data with a 30 minute interval)
- Multiple PCs can access the station without impacting a master data collection plan.
- Use the LCD Display to check current and daily high/low readings without a PC
- 12-month battery power source (four AA alkaline batteries included)
- Communicate via wireless, cellular, shuttle, or direct connect (see pages 18-20)
- **Requires SpecWare Pro software (see page 16)**

Model 2900ET

- The most powerful package for optimizing your irrigation and IPM decisions
- Measures wind direction, wind speed, air temperature, relative humidity, dew point, rainfall, solar radiation, evapotranspiration and 5 available external sensor ports

Item 3350WD2 WatchDog 2900ET Weather Station

Model 2700

- Affordable and versatile solution for growers, researchers and consultants
- Measures wind direction, wind speed, air temperature, relative humidity, dew point, rainfall and 6 available external sensor ports

Item 3340WD2 WatchDog 2700 Weather Station

Model 2550

- Ideal for fast, on-demand deployment without measuring rainfall
- Measures wind direction, wind speed, air temperature, relative humidity, dew point and 6 available external sensor ports

Item 3320WD2 WatchDog 2550 Weather Station

Model 2800

- Ideal where multiple sensor measurements are required for temperature, soil moisture, crop canopy light or leaf wetness data
- Plug in up to 8 external sensors, plus one optional rainfall sensor

Item 3345WD2 WatchDog 2800 Weather Station

WATCHDOG WEATHER STATION FEATURES						
Sensors	2900ET	2700	2550	2800	Specifications	Accuracy
Wind Direction	✓	✓	✓		1°	±4°
Wind Speed	✓	✓	✓		0, 2 to 150 mph (0, 3 to 241 km/h)	±2 mph (±3 km/h) , ±5%
Air Temperature	✓	✓	✓	OPT	-25° to 212°F (-32° to 100°C)	±1°F (±0.6°C)
Relative Humidity	✓	✓	✓		10% to 100% @ 5° to 50°C	±3%
Dew Point	✓	✓	✓		-99° to 140°F (-73° to 60°C)	±4°F (±2°C)
Rainfall	✓	✓		OPT	0.01 in (0.25 mm)	±2%
Solar Radiation	✓	OPT	OPT	OPT	0 to 1500 W/m ²	±5%
Evapotranspiration	✓					
External Sensor Ports	5	6	6	9		
Available ports for SMEC 300 Sensors*	1	2	2	2		

*Upgrade required for pre-2012 stations
Operating temperature range: -22 to 140°F (-30 to 60°C)



Model 2900ET
Shown with optional Tripod Mount

Customize Your Station!
See pages 12-13 for our WatchDog Sensors and Accessories

Tripod not included

Model 2550

Model 2800