

WatchDog® 2000 Series Weather Stations



Weather Station Recertification
Now Available - see website



Model 2900ET
Shown with optional Tripod Mount

Customize Your Station
See pages 24-25 for our WatchDog Sensors and Accessories

Tripod not included

WatchDog® 2000 Series Weather Stations

- Base your crop management decisions on your weather, not the airport's
- Full-featured weather stations measure temperature, humidity, rainfall, wind, and solar radiation (varies by model). Also monitors degree day models and chill hour data.
 - Customize your station with plug-in sensors to meet your needs
 - Accurate, real-time weather information directly from your field, orchard or vineyard
 - Monitor, record, and analyze over a dozen important environmental inputs
 - 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 data collection
 - Use the LCD display to check all current and daily high/low readings without a PC
 - Communicate via wireless, cellular, shuttle, or direct connect (see page 26), also compatible with the new WatchDog Station Pups, DataScout™ Modems (see pages 4-15)
 - Powered by four AA batteries - 10 months with alkaline (included), 12 months with lithium
 - **Requires SpecWare™ Pro software (see page 22) or DataScout Modem and SpecConnect (see pages 12-15)**

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, with 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, with 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, with 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 1 optional rainfall sensor

Item 3345WD2 [WatchDog 2800 Weather Station](#)



Model 2800

Model 2550

WATCHDOG 2000 SERIES WEATHER STATION FEATURES

Sensors	2900ET	2700	2550	2800	Specifications	Accuracy
Wind Direction	✓	✓	✓		1°	±3°
Wind Speed	✓	✓	✓		0, 1 to 200 mph (0, 1 to 322 km/h)	±2 mph (±3 km/h) , ±5%
Air Temperature	✓	✓	✓	OPT	-25° to 212°F (-32° to 100°C)	±1°F (±0.5°C)
Relative Humidity	✓	✓	✓		10% to 100% @ 5° to 50°C	±3% at 20% to 100% and 25°C
Dew Point	✓	✓	✓		-99° to 140°F (-73° to 60°C)	±4°F (±2°C)
Rainfall	✓	✓		OPT	0.01 in (0.25 mm)	±2% at < 2 in (5 cm) per hour
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		
Operating temperature range: -22 to 130°F (-30 to 55°C)						