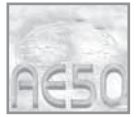


WatchDog®

2000 Series Weather Stations

**Powerful
Accurate
Robust****Management solutions for:**

- Early pest/disease forecasting
- Efficient irrigation management
- Microclimate and field research information


AWARD WINNER
 FOR TECHNOLOGY
 INNOVATION

Why base your important growing decisions on distant university or airport weather reports? WatchDog 2000 Series Weather Stations deliver accurate, real-time weather information directly from your orchard or vineyard. Together with Spec 8 Pro software, you can monitor, record and analyze over a dozen important growing conditions for more effective and profitable crop and pest management.

Built-in data logger - Store your measurements in fail-safe, non-volatile memory until you transfer the data to your PC. Select measurement intervals of 1,5,10,15,30, or 60 minutes. With a 30 minute interval, the station will retain 183 days of data. Downloading data will not erase it from the station, so multiple PCs can access the station without impacting a master data collection plan.

Enhanced LCD Display - A WatchDog exclusive. Check current and daily high/low readings for the past 30 days or confirm the station and sensors are performing — without connecting to a PC. Select Spec 8 Pro disease models can run on the station, providing field viewing of disease severity indicators.

Battery powered - A 12-month battery power source (four "AA" alkaline batteries included) means no solar panels to purchase and maintain. WatchDog 2000 Series Weather Stations use state-of-the-art electronics with low power consumption.

Communication options - Suit your specific needs by choosing from direct connection, wireless, cellular or other data transfer options.

WATCHDOG WEATHER STATION FEATURES

Sensors	Wind Speed	Wind Direction	Air Temp	Relative Humidity	Rainfall	Solar Radiation	External Sensor Ports
Model 2900ET	•	•	•	•	•	•	5
Model 2800	N/A	N/A	Opt.	N/A	Opt.	Opt.	9
Model 2700	•	•	•	•	•	Opt.	6
Model 2600	•	•	•	N/A	•	Opt.	6
Model 2550	•	•	•	•	N/A	Opt.	6
Model 2525	•	•	•	N/A	N/A	Opt.	6

Specifications

Wind Direction: 2° increments
 Wind Speed: 0 to 212 kph, 0 to 175 mph
 Temperature: -32° to 83°C, -25° to 182°F
 Humidity (Models 2550, 2700, 2900ET): 10% to 100% @ 5° to 50°C
 Dew Point (Models 2550, 2700, 2900ET): -73° to 60°C, -99° to 140°F
 Rainfall (Models 2600, 2700, 2900ET): 0.01" (0.25mm)

Accuracy

±7°
 ±5%
 ±0.6°C, ±1°F
 ±3%
 ±2°C, ±4°F
 ±2%

Model 2900 ET
 WatchDog Weather Station
WatchDog® Model 2900ET

The most powerful package for optimizing your irrigation and IPM decisions

Optimize your irrigation and IPM programs with this powerful weather station. The comprehensive water management system enables you to assign discrete K-factors to each crop/field you track for evapotranspiration and irrigation amounts.

The WatchDog Model 2900ET measures, calculates and logs:

- Evapotranspiration (ET_c)
- Wind speed and direction
- Wind chill
- Dew point
- Solar radiation
- Air temperature
- Relative humidity
- Rainfall
- Up to 5 external sensors

Spec 8 Pro software required.

Item 3350WD2 WatchDog 2900ET Weather Station

Date	Temperature			RH	Solar Rad	Wind Speed	Rain	ET	ET Crop	Irrig	Net	Cum
	Mean	High	Low									
06/21	74.9	85.9	63.5	61	120	0.1	0.00	0.09	0.10	0.00	-0.10	2.97
06/22	72.8	87.4	63.3	73	168	7.0	0.27	0.16	0.17	0.20	-0.07	3.17
06/23	78.3	83.7	68.4	77	207	3.0	0.32	0.17	0.19	0.20	-0.04	3.30
06/24	76.7	87.8	67.7	74	191	4.3	0.00	0.18	0.19	0.20	-0.01	3.11
06/25	78.1	91.0	62.8	61	138	4.0	0.00	0.13	0.11	0.00	-0.25	2.96
06/26	74.8	90.3	63.6	69	138	3.0	0.00	0.12	0.13	0.20	-0.13	2.83
06/27	78.0	89.1	69.7	80	40	3.1	0.00	0.07	0.08	0.20	-0.01	2.75
06/28	77.8	90.3	67.7	81	127	4.0	0.13	0.13	0.14	0.00	-0.02	2.73
06/29	67.8	77.4	58.7	87	195	0.0	0.00	0.13	0.13	0.00	-0.15	2.59
06/30	70.4	83.0	58.6	60	146	0.0	0.00	0.12	0.13	0.00	-0.23	2.46
07/01	0.0	0.0	0.0	0	0	0.0	0.00	0.00	0.00	0.00	0.00	2.46
Total						4.62	3.48	1.44	1.28	2.46		

Net Water = RainFall + Irrigation - ET Crop
 ET values are in units of inches

ET Irrigation Report from SpecWare