

Skymate Windmeter

Convenient pocket-knife design, features and price – excellent value in handheld windmeters!

Skymate's unique pocket-knife design conveniently protects the unit when not in use. Wind speed, Temperature and Windchill functions are included. The Skymate is water resistant to 3 feet, floats, is threaded for tripod mounting, and comes with a replaceable Lithium battery and lanyard.

Specifications:

Wind Range: 0.5 – 89 MPH, Operates on Current, Average and Maximum Wind speed

Power: 400-hour Lithium Battery/CR2032 included

Dimensions: 5.5" x 1.75" x 0.75", 3.2 oz.

Skymate Windmeter

Part Number	Description
ST-SM-18	Skymate Windmeter



Kestrel 4000

Measure, recall, and graph every environmental condition!

The Kestrel 4000 has a chart mode which allows you to recall and graph up to 250 measurements with the date and time of storage. It automatically stores measurements even when the unit is turned off and will manually store measurements at the touch of a button. The instrument measures Barometric Pressure, Altitude, Density Altitude, Wind speed, Temperature/Windchill/Heat Index, Humidity/DewPoint. The unit is water resistant, floats and comes with neck, wrist lanyards and a protective pouch.

Specifications:

Ranges: Wind speed: 0.7-89 MPH, Temperature -29°C to +70°C (-20°F to +158°F), Humidity: 5-95%, Barometer 870 – 1080 hPa (25.70 to 31.90 inHg), Altitude: -500 – 9000m

Operating Temperature: -20°C to +60°C (-4°F to +140°F)

Power: 2 AAA batteries (included)

Dimensions: 5" x 1.8" x 1", 3.6 oz.

Kestrel 4000

Part Number	Description
ST-SM-27	Kestrel 4000



Skymaster Weather Meter

Monitor environmental conditions in the palm of your hand!

This easy to use, pocket-size weather station features complete wind speed functions and includes a severe weather alarm, if the barometric pressure falls or rises 6 millibars over a three hour period. The relative humidity, barometer and altimeter functions can be recalibrated if required. The instrument measures Wind speed, Relative Humidity & Dewpoint, Altitude, Current Barometric Pressure, 16-HR Pressure Graph, Severe Weather Audio Alarm, Temperature/Windchill/Heat Index. The Skymaster is water resistant, floats, threaded for tripod mounting and comes with a replaceable Lithium battery and lanyard.

Specifications:

Ranges: Wind speed: 0.4 - 89 MPH, Temperature: -15°C to +50°C (+5°F to +122°F), Humidity: 0-99%,

Windchill: -30°C to +70°C (-22°F to +158°F), Dewpoint: -35.1°C to +68.8°C (-31.2°F to +155.8°F), Heat

Index: +20.9°C to +105°C (-69.8°F to +155.8°F), Barometer 400 – 1100 hPa (11.80 to 32.5 inHg.)

Operating Temperature: -15°C to +50°C (+5°F to +122°F)

Power: Lithium Battery/CR2032 included

Dimensions: 5.875" x 2.1" x 0.85", 4 oz.

Skymaster Weather Meter

Part Number	Description
ST-SM-28	Skymaster Weather Meter



Wind Wizard™

Reads wind speed in miles/hour, meters/second, and Beaufort. Readout dial is supported on sapphire jewel bearings and steadied by a rare-earth magnetic dampening system. Folding handle quickly and securely latches into place. No batteries needed. Dimensions: 3 5/8" x 2 7/8" x 1" with handle folded. Weight 2.5oz.

Wind Wizard™

Part Number	Description
DA-281	Wind Wizard



Compact & Lightweight



Get Blown Away with the Turbo Meter™

Turbo Meter™

Reads wind speed in miles/hour, knots, feet/minute, or meters/second. Turbine suspended on sapphire jewel bearings responds to the lightest of winds. Three-digit display offers excellent viewing contrast in bright sunlight or at night. Requires three AAA alkaline batteries (not included). Dimensions: 4 5/8" x 2 5/8" x 1 1/8" Weight: 3oz.

Turbo Meter™

Part Number	Description
DA-271	Turbo Meter

Weather Forecasting Card

Discusses the use of wind direction, barometric pressure, and cloud type in predicting the weather. Includes full list of radio weather stations for official broadcasts, plus key information on storm warnings, hurricane avoidance, navigating in fog and other hazardous conditions, and more. Weatherproof high-strength plastic, full color on both sides. Punched for binder or bulkhead mounting. Dimensions: 8 1/2" x 11".

Weather Forecasting Card

Part Number	Description
DA-131	Weather Forecasting Card



Weather Watch Pro

Model WW-1

Wind speed, Barometric Pressure/9-HR History Graph Altitude, Chronograph, Yacht Racing Timer, Clock/Alarm/Date, Temperature/Windchill

Weather Watch Pro uses a Swiss-made impeller for current, average, maximum wind speed. One of the impeller fins is magnetized, highlighted in green and always points north. This allows you to mechanically determine wind direction. The display is backlit and the unit is water resistant to 30m. Weather Watch Pro can be detached from the wrist strap and worn on a lanyard (included).

Specifications:

Accuracy: Wind speed +/-3%; Temp +/-1°C;

Barometer +/-1.5 hPa (millibars); Altitude +/-50 M

Ranges: Wind speed 0-186 MPH; Temp + 14° to + 140°F;

Windchill -40° to +176°F / -40° to +80°C

Barometer 8.84-32.44inHg;

Altitude -703 to 9164 M/-2306 to 30,065 Ft;

Chronograph 24 hours with 10-lap memory;

Countdown Timer 3,5,10,15, & 45 mins or user can set

Optional Units: Wind: Knots, MPH, KPH, M/S, Beaufort;

Temp: F or C; Barometer: hPa or in Hg;

Altimeter: M or Ft

Data Sampling: Every second for the first 3 mins; every minute after first 3 min.

Power: CR2032 Lithium Battery (included)

Measures: 3.25" x 1.7" x 0.7" / 80 x 42 x 10 mm (not including wristband)

Weighs: 2.5 oz / 71 grams

Weather Watch Pro

Part Number	Description
ST-WW-1	Weather Watch Pro



Barometer

Current pressure, Weather forecast (based on 24-hour pressure history)

Pressure history and bar graph for past 12 hours

Choose millibars or inches of Mercury

Measuring Range/Barometer: 400mb to 1070mb

Resolution: 1 mb/.03 inHg

Accuracy: +/-2.5%

Time & Temperature

Current Temperature, Choose F or C

Clock shows hour, minute, month, date, and daily alarm function

Digital stopwatch/timer counts up to 100 hours

Measuring Range: -4°F to 158°F/-20°C to 70°C

Resolution: 0.2°F (0.1°C)

Accuracy: +/-2°F (+/-1°C)

Pocket Weather Monitor / Altimeter

Model SM-12

Multi-Function Altimeter/Barometer Temperature, Time, Weather Forecast comes with Lanyard, Case, Wall Mount



Altitude

Current, Maximum, Minimum Monitors difference between current & reference altitude

Memory of accumulative vertical ascent & descent

Altitude history and bar graph for past 12 hours

Alarm function - choose feet or meters

Resolution: 1m from -500 to +1000m

2m from +1001m to +7000m

Accuracy: 0-7000m - +/-5m

Operating Range: -4°F to 158°F/-20°C to 70°C; -500 to 7000m Cumulative Vertical Ascent / Descent Range: +/-60,000m

Power: Two CR2032 Lithium Batteries (included)

Measures: 3.8" x 2.6" x 0.7"/97.3 x 66 x 17mm

Weighs: 3.8oz/105 grams (with batteries)

Pocket Weather Monitor / Altimeter

Part Number	Description
ST-SM-12	Pocket Weather Monitor/Altimeter

Weather Station

High quality, rugged industrial grade sensors for monitoring, alarming and reporting. Each sensor has a high level 4-20 MA output for easy interface to process control systems, telemetry, dataloggers or displays. Each sensor is loop-powered by 10-36 VDC and comes with 25' cable, standard. Extra cable to 500' is optional. Sensor electronics are fully encapsulated in marine grade epoxy for complete environmental protection and long operating life.

- Wind Speed Sensor
- Wind Direction Sensor
- Humidity Sensor
- Temperature Sensor
- Solar Radiation Sensor
- Barometric Pressure Sensor
- Soil Moisture
- Tipping Bucket Rain Gauge
- Wind Alarm
- Temperature Alarm
- EZ Display



NEW!
Works with Vantage Pro



Weather Station

Part Number	Description
GW-WE800	Complete Weather Station
<i>Standard Features Include:</i>	
GW-GL300	A Global Logger III-A (4 channel analog datalogger)
GW-WE550	Wind Speed Sensor
GW-WE570	Wind Direction Sensor
GW-WE700	Temperature Sensor
GW-WE600	Humidity Sensor
GW-WE770	Solar Shield
GW-WE830	Tripod
<i>Optional Features Include:</i>	
GW-GL300B	Global Logger III-B(8 channel analog datalogger)
GW-RG600	Metal Rain gauge with 8" Tipping Bucket
GW-WE830	Tripod
GW-WE100	Barometric Pressure Sensor
GW-WE300	Solar Radiation Sensor
GW-WL300	Water Level Sensor
GW-AT210	Soil Moisture Sensor
GW-GL333	Telephone Modem
GW-SP102	Solar Panel (350MA)
<i>Sensor Accessories:</i>	
GW-EZ100	EZ LCD Display (for 4-20 MA Sensors)
GW-RG200	Low Cost Rain Gauge Tipping Bucket
GW-EP180	Evaporation Pan
GW-EV400	Evaporation Pan Refill/Controller
GW-MCN2	Mitsubishi Mobile Computer

Contact ERE For More Technical Information

Weather Echo™ & Echo Plus™

The wireless Weather Echo™ and Echo Plus™ receive and display data from any wireless transmitters. Compact design fits easily on desk, countertop or table and even in your shirt pocket. Selectable ID code matches one of eight possible transmitting stations. Receiving range is up to 400ft (120m) line of sight. Typical range under most conditions is 100ft to 200ft (30 to 60m) depending on the terrain and the structural features of the building. Measures just 5 1/4" x 2 1/4" x 7/8" (132mm x 57mm x 22mm) U.S. and metric units of measure.

Weather Echo™ includes: console with inside temperature sensor, adjustable stand for use on desk or shelf, wall-mount bracket, and three-volt lithium battery. Battery lasts up to one year under normal conditions.

Weather Echo Plus™ includes: all features of Weather Echo™ plus backlit display for easy viewing and inside humidity sensor. AC-power adapter allows continuous use of backlighting.

Weather Echo™ & Echo Plus™

Part Number	Description
DA-7602	Weather Echo™
DA-7603	Weather Echo Plus™

Weather Stations Vantage Pro

Includes console with AC-power adapter, integrated sensor suite with 40' (12m) anemometer cable, and mounting hardware. Cabled version also includes a 100' (30m) cable connecting the console to the integrated sensor suite. Wireless version includes console/receiver plus integrated sensor suite with transmitter, solar panel, 40' (12m) anemometer cable, and mounting hardware. Wireless range is up to 800' (250m) line of sight. Typical range under most conditions is 150' to 500' (45 to 150m). Add wireless repeaters for distances up to one mile (1.5km). Console may be powered using the included AC-power adapter or with three C batteries (not included). Batteries lasts up to one year under normal conditions.



Weather Stations

Part Number	Description
DA-6150C	Cabled Vantage Pro
DA-6150	Wireless Vantage Pro



Vantage Pro Console/Receiver

To view data from a Wireless Vantage Pro in additional locations, or for use with Wireless Temperature, Temperature/Humidity, Leaf Wetness/Temperature, or soil Moisture/Temperature Stations.

Console/Receiver

Part Number	Description
DA-6310	Vantage Pro Console/Receiver

Complete Weather Wizard III® Station

Everything you need for measuring inside and outside temperature, wind speed and direction, wind chill, and daily and accumulated rainfall. Includes Weather Wizard III along with a self-emptying tipping bucket rain collector.

Complete Weather Wizard III® Station

Part Number	Description
DA-7425CS	Complete Weather Wizard III® Station



Complete Weather Monitor II® Station

Includes the features of the Complete Weather Wizard III Station, plus barometric pressure, inside and outside humidity, and dew point. Includes Weather Monitor II along with a self-emptying rain collector and temperature/humidity sensor.

Complete Weather Wizard II® Station

Part Number	Description
DA-7440CS	Complete Weather Monitor II Station

Wireless Weather Wizard III®

Includes Weather Wizard III® console, SensorLink transmitter and receiver, anemometer, rain collector, temperature sensor, radiation shield, and weather-resistant shelter.

Wireless Weather Wizard III®

Part Number	Description
DA-7425W	Wireless Weather Wizard III with 0.01" Rain
DA-7425WS	Wireless Weather Wizard III with 0.01" Rain & Solar Power



Wireless Weather Monitor II®

Includes Weather Monitor II® console with barometer, plus SensorLink transmitter and receiver, anemometer, rain collector, temperature/humidity sensor, radiation shield, and weather-resistant shelter.

Wireless Weather Monitor II®

Part Number	Description
DA-7440W	Wireless Weather Monitor II® with 0.01" Rain
DA-7440WS	Wireless Weather Monitor II® with 0.01" Rain & Solar Power

Accessories for Weather Stations:

DA-7880-025	Extension Cable 25'
DA-7880-100	Extension Cable 100'
DA-7716	Mounting Tripod
DA-7707	Solar Power Kit



Perception II®

The Perception II® offers state-of-the-art weather technology at a price affordable enough for the home enthusiast. Use to monitor your wine cellar, greenhouse, or other climate-dependent area. So accurate, it's even used by automobile racers to tune their carburetors for current air-density conditions. Temperature, barometric pressure, and humidity are shown simultaneously on one easy-to-read display. Requires no installation. Backlit display for easy viewing.

Includes:

- Temperature
- High and low temperature with time and date
- Humidity
- High and low humidity with time and date
- Barometric pressure, barometric trend alarm
- Alarms for temperature, humidity, and time

Perception II®

Part Number	Description
DA-7400	Perception II®

Rain Gauges

The Rain Gauge GW-RG600 is a durable weather instrument for monitoring rain rate and total rainfall. With minimal care it will provide a reliable, low cost tipping bucket rain assessment. Its simplicity of design assures trouble-free operation, yet provides accurate rainfall measurements. The unit has an 8" orifice and is shipped complete with mounting brackets and 50' of two-conductor cable. The tipping bucket mechanism activates a sealed reed switch that produces a contact closure for each 0.01", 0.2mm or 1mm of rainfall.

Specifications: (GW-RG600)

- Capacity:** unlimited
- Accuracy:** 3% up to 4" /hr; 8% up to 6"/hr
- Contact rating:** 3 watts, 28 VAC, 0.25 amps, 120 VAC
- Dimensions:** 8" x 15"
- Funnel Diameter:** 8"
- Shipping Weight:** 8lbs



GW-RG200

The Rain Gauge GW-RG200 is constructed of high impact UV-protected plastic to provide reliable, low cost tipping bucket rain monitoring. The unit has an 6" orifice and is shipped complete with mounting brackets and 50' of two-conductor cable. The tipping bucket mechanism activates a sealed reed switch that produces a contact closure for each 0.01", 0.25mm of rainfall.

Specifications: (GW-RG200)

- Capacity:** unlimited
- Accuracy:** 3% up to 4"/hr
- Dimensions:** 6" x 15"
- Shipping Weight:** 3lbs



Rain Gauge Datalogger GW-GL400-A

Eight-channel datalogger for recording a variety of sensor signals.

The GW-GL400-A features 7-Analog channels and 1-Pulse channel for data recording. The logger software operates on Microsoft's Windows which is easy to use.

Specifications:

- Memory:** Non-volatile flash memory
- Battery:** 12 volt 2.2 A/hr. Rechargeable (Gell Cell)
- Resolution:** 12-Bit
- Channels:** 7-Analog, 1-Pulse
- Storage Capacity:** 8,000 time and date stamped data points per channel
- Recording Rate:** Linear fixed intervals from 1 per second to every 32,000 seconds (value set by user)
- Data Overwrite:** Select memory wrap or unwrap (unwrap will stop logging data once memory is full)

Rain Gauges

Part Number	Description
GW-RG600	Rain Gauge 8"
GW-RG200	Low Cost Rain Gauge
GW-GL400-7-1	Rain Gauge Datalogger

