

Pocket Weather Monitor

Measure, recall, and graph every major environmental condition! **New**

- Records barometric pressure, altitude, density altitude, temperature, humidity, wind speed, windchill, dew point, wet bulb, and heat index with date/time stamp
- Lightweight—fits easily in a pocket
- Recalls and graphs up to 250 measurements

A-99756-16 Pocket weather monitor. Includes neck and wrist lanyards, protective pouch, and two AAA batteries

A-09376-00 Replacement batteries; 1.5 V, AAA. Pack of 12



Pocket weather monitor 99756-16 is ideal for field sampling.

Specifications

Display: multi-data LCD
Power: two AAA alkaline batteries (incl.)
Dimensions: 5"L x 1 13/16"W x 1 1/8"D (12.7 cm L x 4.5 cm W x 2.8 cm D)

Parameter	Range	Accuracy
Barometric pressure	870 to 1080 mbar (25.7 to 31.9" Hg)	±3 mbar (±0.1" Hg)
Humidity (RH)	5 to 95%	±3%
Temperature/windchill	-20 to 158°F (-29 to 70°C)	±1°F (±1°C)
Wind speed	0.7 to 89 mph	±3%
Altitude	-500 to 9000 m	—

Digital Wireless Weather Center

Includes standard parameters plus wind speed, wind direction, and rainfall

- Barometric pressure changes displayed on trend graph for the previous 1, 4, 8, 12, 16, 20, and 24 hours.
- Graphic weather prediction—sunny, cloudy, partly cloudy, rainy
- Maximum and minimum readings are stored for all parameters with time/date stamp.
- Stand on desktop or wall mount



99756-20

What's included: indoor temperature, humidity, and barometric pressure sensor; outdoor temperature and humidity sensor; outdoor rain gauge; and outdoor wind gauge. Outdoor sensors are solar powered; indoor sensors are battery powered.

A-99756-20 Digital wireless weather center

A-09376-01 Repl batteries; AA, 1.5 V. Pack of four

A-09376-00 Repl. batteries; AAA, 1.5 V. Pack of 12

Specifications

Power: four AA batteries for the center, and two AAA batteries for the indoor sensor (included)
Display: multi-data LCD
Dimensions: 8.5"L x 6"W x 1.1"D (21.6 cm L x 15.2 cm W x 2.9 cm D)

Parameter	Range	Accuracy
Barometric pressure	23.62" to 32.48" Hg	±0.03" Hg
Humidity	Inside 5 to 95% RH	±8% RH
	Outside 20 to 95% RH	±8% RH
Temperature	Inside 32 to 140°F; 0 to 60°C	±2°F; ±1°C
	Outside -22 to 158°F; -30 to 70°C	±2°F; ±1°C
Wind direction	Rose N, NE, E, SE, S, SW, W, NW	—
	Display 0 to 360° (5° resolution)	—
Wind speed	0 to 130 mph	±3% of reading, ±0.6 mph
Rainfall	0 to 500" with self-tipping bucket	—
Time	0 to 24 hours (12- or 24-hour mode)	—

Wireless Weather Station

Operate multiple displays and/or computer interface modules up to 400 feet away from sensor

Wireless Weather Station monitors:

- wind speed, direction, and chill; and wind direction variation
- outdoor temperature
- relative humidity
- barometric pressure
- rainfall

Station comes complete with a wireless sensor and a remote display. The display features two large LCDs (4-digit and 2-digit) and a wind direction variation indicator. Update readings every 4 seconds or obtain max/min readings. Display also shows time and date.

Sensor comes complete with a vane and an 8" dia self-emptying rain collector and features a NEMA 4X (IP56) enclosure for indoor/outdoor use. Connect the sensor to your computer using the optional computer interface 99755-50. You can even connect multiple computer interface modules and/or displays to a single sensor—order computer interface (99755-50) and additional displays (99755-10) separately below.

Mount sensor on the ground, tower, or tripod (tripod sold separately below) up to 400 ft (121.9 m) away from the display and/or computer interface. Sensor operates on solar power; solar panel charger is adjustable for different latitudes. Select from two transceiver channels for optimal signal. FCC-approved. Display operates on 120 VAC; includes power cord with plug and rechargeable Ni-Cd backup battery.



99755-00

Catalog number	Description	Price
A-99755-00	Weather station with one sensor, one display unit, mounting mast, and sealed lead-acid battery	

A-99755-10 Additional display unit

A-99755-50 Computer interface, 32K RAM.

Includes a 6-ft (1.8-m) long PC cable and software

A-99755-60 Tripod, 3-ft (0.9-m) height; steel

Specifications

Dimensions
 Sensor: 10"W x 28"H x 15"D (25.4 cm W x 71.1 cm H x 38.1 cm D)
 Display: 5.8"W x 7.8"H x 1.8"D (14.6 cm W x 19.7 cm H x 4.4 cm D)
Shpg wt: 23 lb (10.5 kg)

2 year warranty

Parameter	Range	Accuracy
Barometric pressure*	16.3 to 32.0" Hg; 551 to 1083 mbar	±0.05" Hg; ±1.69 mbar
Temperature, outdoor	-66 to 166°F; -54 to 74°C	±1°F; ±0.5°C
Relative humidity	0 to 100% RH	±2% at 77°F (25°C)
Wind direction	0 to 360°; instantaneous and variation	—
Wind speed	0 to 150 mph; 0 to 240 km/hr; 0 to 130 knots; 0 to 67 m/s	±2% of full scale
Wind chill	-127°F (-88°C) maximum	—
Rainfall	Unlimited tipping bucket with 8" dia	±2% at 1.0 in./hr

*Temperature compensated from -40 to 185°F (-40 to 85°C).