



FHT801



FHT803



CE
RoHS
DSMM500



MMG608

FEATURES

FRUIT HARDNESS TESTER – SMALL, SOFT FRUITS

Know when to pick and ship your fruits.

- Target Fruits: Strawberry, cherry, grape, peach, banana, apricot, plum, melon, citrus and persimmon
- Fruit penetrometer tests ripeness of small, soft fruits
- Reads in kilograms, pounds, newtons or pascals
- Automatic shutoff and hard carrying case

SPECIFICATIONS

- ◆ Testing Range: 2.84 - 71.12 lbf/sq. in.
- ◆ Resolution: <10 = 0.01
10 - 99.9 = 0.1 >100 = 1.0
- ◆ Accuracy: ±(1%H + 1.4) lbf/sq. in.
- ◆ Dimensions: 8 x 2-3/8 x 13/16 in.
- ◆ Tip Size: 3.5mm
- ◆ Weight: 8.1 oz. (229g)
- ◆ Power Source: 4 "AAA" batteries (not included)

Includes: Hard carrying case

UPC	NO.
01366 3	FHT801

FRUIT HARDNESS TESTER – LARGE, HARD FRUITS

Know when to pick and ship your fruits.

- Target Fruits: Pear, nectarine, kiwi, avocado, apple (use 11.1 tip for apples)
- Fruit penetrometer tests ripeness of small, soft fruits
- Reads in kilograms, pounds, newtons or pascals
- Automatic shutoff and hard carrying case

- ◆ Testing Range:
7.9mm = 2.84 - 156.50 lbf/sq. in.
11.1mm = 5.69 - 312.91 lbf/sq. in.
- ◆ Resolution: <10 = 0.01 10 - 99.9 = 0.1 >100 = 1.0
- ◆ Accuracy: ±(1%H + 1.4) lbf/sq. in.
- ◆ Dimensions: 8 x 2-3/8 x 13/16 in.
- ◆ Tip Size: 7.9 and 11.1mm
- ◆ Weight: 8.1 oz. (229g)
- ◆ Power Source: 4 "AAA" batteries (not included)

Includes: Hard carrying case

UPC	NO.
01367 0	FHT803

PRECISION DIGITAL SOIL MOISTURE METER WITH PROBE

Agricultural professional use.

- Soil moisture content measurement
- Heavy duty probe
- Easy operation
- Hold, Record (Min/Max)
- IP-65 Water resistance
- Heavy duty
- CE and RoHS approved

- ◆ Range: 0 - 50% moisture content
- ◆ Probe length: 0.8 in. (20mm)
- ◆ Power Source: 4 "AAA" batteries (not included)

UPC	NO.
01240 6	DSMM500

GRAIN MOISTURE METER

Ideal for use in grain storage and other industrial settings.

- Microprocessor design
- Large LCD display
- 4 digit display
- Rugged construction
- Light weight

- ◆ Range: 8 - 20% moisture content
 - ◆ Range: -0° to 122°F (-10° to 80°C)
 - ◆ 4 ft. wire cord
 - ◆ 1 ft. probe
 - ◆ Power Source: 4 "AA" batteries (included)
- Includes:
- Hard case
 - Instructions
 - 1 steel dual probe with 3 ft. cord

UPC	NO.
10197 1	MMG608

FEATURES
LONG-STEM ANALOG THERMOMETERS

For agricultural and gardening application.

- Ideal for agriculture
- Glass lens
- Durable stainless steel probe
- Rugged construction
- Large, easy to read display

SPECIFICATIONS

- ◆ Range: 0° to 220°F
- ◆ 2 in. dial
- ◆ **PT2008G-220**: 8 in. long
- ◆ **PT2020G-220**: 20 in. long

UPC	NO.
23101 2	PT2008G-220 8 in. stem
23105 0	PT2020G-220 20 in. stem


PT2008G-220
PT2020G-220
LONG-STEM AGRICULTURAL THERMOMETER

Ideal for agricultural applications and gardening.

- Extra-long analog thermometer
- For agricultural use
- Glass lens
- Rugged design
- Ideal for compost

- ◆ Range: 0° to 220°F (-10° to 100°C)
- ◆ 3 in. dial
- ◆ 36 in. long stem
- ◆ 1/2 in. NPT fitting

UPC	NO.
23103 4	T300-36


T300-36
SOIL MOISTURE & LIGHT METER

Checks for adequate lighting and moisture.

- Easy to use
- Heavy duty probe
- Instantly indicates watering needs and light conditions
- No batteries needed

- ◆ Dimensions: 3.9 x 2.6 x 1.1 in. (100 x 65 x 28mm)
- ◆ Weight: 3.2 oz. (90g)
- Includes: • Plant watering and light chart

UPC	NO.
10017 2	GLMM100


GLMM100
SOIL MOISTURE METER

Checks for adequate moisture.

- Heavy duty probe
- Instantly indicates watering needs
- Plant watering chart included
- No batteries needed

- ◆ Dimensions: 10 x 2.2 x 1.1 in. (255 x 55 x 28mm)
- ◆ Weight: 1.8 oz. (50g)

UPC	NO.
10018 9	GLMM200


GLMM200
SOIL PH TESTER

Checks for proper pH.

- Easy to use
- Heavy duty probe
- Instantly reads soil or compost acidity
- Plant pH chart included
- No batteries needed

- ◆ Dimensions: 10 x 2.2 x 1.1 in. (255 x 55 x 28mm)
- ◆ Weight: 1.6 oz. (45g)

UPC	NO.
10019 6	GLMM300


GLMM300



DPH7011

FEATURES

DIGITAL pH METER

Food preparation and solution balance.

- Digital display
- Automatic temperature compensation
- IP-57 Waterproof. Unit Floats
- Pocket-sized
- Lightweight
- Min/Max; Data Hold
- CE and RoHS approved

SPECIFICATIONS

- ◆ pH: -2 to 16
- ◆ ORP: -1000 to 1000
- ◆ Temperature: 32° to 194°F (0° to 90°C)
- ◆ Dimensions: 7.7 x 1.6 x 1.4 in. (195 x 40 x 36mm)
- ◆ Weight: 4.8 oz. (135g)
- ◆ Power Source: 4 "AAA" batteries (included)
- Includes:
 - Soaking Solution
 - Buffer Solutions pH 4 & 7
 - Hard case

UPC	NO.
01235 2	DPH7011



DCM7021

DIGITAL CONDUCTIVITY METER

Ideal for field checks of water-based solutions.

- Digital display
- Automatic temperature compensation
- IP-57 Waterproof
- One key calibration
- Unit Floats
- Pocket-sized
- Lightweight
- Min/Max, Data Hold
- CE and RoHS approved

- ◆ Conductivity: 0 to 2000 μ S
- ◆ TDS: 0 to 1300 ppm
- ◆ Salinity: 0 to 1000 ppm
- ◆ Temperature: 32° to 194°F (0° to 90°C)
- ◆ Dimensions: 7.7 x 1.6 x 1.4 in. (195 x 40 x 36mm)
- ◆ Weight: 4.8 oz. (135g)
- ◆ Power Source: 4 "AAA" batteries (included)
- Includes:
 - Hard case
 - Standard Solution 1413 μ S/cm

UPC	NO.
01254 3	DCM7021



WK7200

COMPLETE WATERPROOF SELF CALIBRATING MICRO PROCESSOR KIT: PH, MV, TEMP, COND, TDS, SALT

For water treatment plants, industrial pollution control, lab and field use.

- Digital display
- Automatic temperature compensation
- IP-57 Waterproof
- Single key calibration
- Meter Floats
- Pocket sized
- Lightweight
- Min/Max, Data Hold
- CE and RoHS approved

- ◆ Salinity: 0 to 1000 ppm
- ◆ Temperature: 32° to 194°F (0° to 90°C)
- ◆ Dimensions: 7.7 x 1.6 x 1.4 in. (195 x 40 x 36mm)
- ◆ Weight: 4.8 oz. (135g) Kit: 27.5 oz. (780g)
- ◆ Power Source: 6 "AAA" batteries (included)
- Includes:
 - Standard Solution 1413 μ S/cm
 - Soaking Solution
 - Buffer Solutions pH 4 & 7
 - Hard case
 - pH and conductivity probes

Optional: ORP probe

UPC	NO.
01248 2	WK7200
01377 9	ORP7200



CE
RoHS
PH501

POCKET pH METER

Ideal for cooling towers.

- Digital display
- Pocket sized
- Automatic temperature compensation
- Lightweight
- CE and RoHS approved

- ◆ Electrode extends to 3.15"
- ◆ pH range: 0.0 to 14.0 pH
- ◆ Dimensions: 6.2 x 1.5 x 1.3 in. (157 x 38 x 33mm)
- ◆ Weight: 4 oz. (113g)
- ◆ Power Source: 1 "9V" battery (included)
- Includes:
 - Hard carrying case
 - Calibration solution
 - Calibration screwdriver

UPC	NO.
41350 0	PH501

Meters pH, EC, TDS, Conductivity

FEATURES
CONDUCTIVITY METER

Ideal for field checks of water-based solutions.

- Digital display
- Automatic temperature compensation
- Pocket-sized
- Lightweight
- CE and RoHS approved

SPECIFICATIONS

- ◆ Electrode extends to 3.15 in.
- ◆ Conductivity range: 10 to 9,990 $\mu\text{S/cm}$
- ◆ Dimensions: 6.2 x 1.5 x 1.3 in. (157 x 38 x 33mm)
- ◆ Weight: 4 oz. (113g)
- ◆ Power Source: 1 "9V" battery (included)
- Includes:
 - Hard carrying case
 - Calibration solution
 - Calibration screwdriver

UPC	NO.
41400 2	CO502



 CO502

POCKET EC METER

Substrate analysis and nutrient concentration.

- Digital display
- Pocket-sized
- Automatic temperature compensation
- Lightweight
- CE and RoHS approved

- ◆ Electrode extends to 3.15 in.
- ◆ Range: 0.0 to 20.0 EC
- ◆ Dimensions: 6.2 x 1.5 x 1.3 in. (157 x 38 x 33mm)
- ◆ Weight: 4 oz. (113g)
- ◆ Power Source: 1 "9V" battery (included)
- Includes:
 - Hard carrying case
 - Calibration solution
 - Calibration screwdriver

UPC	NO.
41415 6	EC506



 EC506

POCKET TDS METER

Water treatment plants and industrial pollution control.

- Digital display
- Pocket-sized
- Automatic temperature compensation
- Lightweight
- CE and RoHS approved

- ◆ Electrode extends to 3.15 in.
- ◆ Range: 10 to 9990 ppm
- ◆ Dimensions: 6.2 x 1.5 x 1.3 in. (157 x 38 x 33mm)
- ◆ Weight: 4 oz. (113g)
- ◆ Power Source: 1 "9V" battery (included)
- Includes:
 - Hard carrying case
 - Calibration solution
 - Calibration screwdriver

UPC	NO.
41410 1	TDS503



 TDS503

DIGITAL INTELLIGENT pH CONDUCTIVITY METER WITH RS-232 OUTPUT

Substrate analysis and nutrient concentration.

- pH meter with mV and "plug and play" function
- Manual temperature compensation adjustable
- RS-232 computer interface
- Hold
- Memory record
- °F/°C readings
- CE and RoHS approved

- ◆ Conductivity: 0-2mS, 0 - 20mS (2 Ranges)
- ◆ Temperature: 0.1 C/0.1°F (0 to 60°C)
- ◆ ATC and variable temp compensation factor adjustable (0-5.0% per degree Celsius)
- ◆ Power Source: 1 "9V" battery (not included)

UPC	NO.
02001 2	DPHC2001
41439 2	DOP2201
41410 0	Dissolved Oxygen Replacement Probe LSFT KIT PC Interface Kit (Optional)



 DPHC2001



CE
RoHS
DCT2001

FEATURES

PROFESSIONAL CONDUCTIVITY/TDS METER

Laboratory, beverage and water conditioning.

- Manual Temperature Compensation Adjustment
- Microprocessor Circuit
- RS-232 computer interface
- Hold
- Memory Record
- °F/°C
- Auto Shut-Off
- CE and RoHS approved

SPECIFICATIONS

- ◆ Circuit: Custom One-chip Microprocessor LSI Circuit
- ◆ Conductivity: 0-2mS, 0-20mS (2 Ranges)
- ◆ TDS: 0 - 2000, 0 - 20,000 PPM (2 Ranges)
- ◆ Temperature: 32° to 140°F (0° to 60°C) 0.1 Degree Resolution
- ◆ ATC & Variable Temperature Compensation Factor Adjustment
- ◆ Power Source: 1 "9V" battery (not included)

UPC	NO.
41440 8	DCT2001
41442 2	CTOP2001 Conductivity/TDS Replacement Probe
41410 0	LSFT KIT PC Interface Kit (Optional)



CE
RoHS
DCM4300

DIGITAL CONDUCTIVITY METER

Ideal for field checks of water-based solutions.

- Data hold
- Large LCD display
- 2 ranges
- Professional housing case
- Automatic temp compensation
- CE and RoHS approved

- ◆ Conductivity: 0-2mS, 0-20mS (2 Ranges)
- ◆ Digit height: 21.5mm
- ◆ Power Source: 1 "9V" battery (not included)

UPC	NO.
41445 3	DCM4300
41442 2	CTOP2001 Conductivity/TDS Replacement Probe
41446 0	CP4300 Conductivity Replacement Probe
41410 0	LSFT KIT PC Interface Kit (Optional)



CE
RoHS

DCM22CT

DIGITAL CONDUCTIVITY/TDS METER

Ideal for lab and field use.

- RS-232 computer interface
- Data hold
- Large display
- ATC
- Record
- Min/Max readings
- CE and RoHS approved

- ◆ Conductivity: 0-2mS, 0-20mS (2 Ranges)
- ◆ TDS: 0 - 2,000, 0 - 20,000 PPM (2 Ranges)
- ◆ Temp: 32° to 140°F (0° to 60.0°C), °F/°C
- ◆ Power Source: 1 "9V" battery (not included)

UPC	NO.
41450 7	DCM22CT
41442 2	CTOP2001 Conductivity Replacement Probe
41951 4	CP22CT Conductivity Replacement Probe
41410 0	LSFT KIT PC Interface Kit (Optional)



CE
RoHS
DPH208R

pH METER

Monitor changes in solutions.

- Wide range of applications including: pools, aquariums, labs, aqua culture, water testing and much more
- Data hold
- Min/Max with record
- Auto power off
- Low battery indicator
- RS-232 computer interface
- CE and RoHS approved

- ◆ pH range: 0 to 14.00 pH, +/-1999 mV
- ◆ pH calibration
- ◆ Dimensions: 7.7 x 2.7 x 1.2 in. (195 x 68 x 30mm)
- ◆ Power Source: 1 "9V" battery (not included)

UPC	NO.
41430 9	DPH208R
41410 0	LSFT KIT PC Interface Kit (Optional)

Meters pH/Replacement Probes

FEATURES
FIELD CALIBRATABLE 45 DEGREE READ pH INSTRUMENT

Food preparation and solution balance.

- Easy-to-read 45° angle
- Automatic calibration at the touch of a button
- Total push button operation
- Simultaneously displays pH and temp
- °F/°C temperature display
- Replaceable pH electrode
- Data hold
- Durable waterproof housing
- Auto power off; low battery indicator
- Replaceable probe
- CE and RoHS approved

SPECIFICATIONS

- ◆ pH range: 0.00 to 14.00 pH
- ◆ Accuracy: ± 0.05 pH @25°C
- ◆ Resolution: 0.01 pH
- ◆ Dimensions: 5.85 x 1.65 x 1.45 in. (149 x 42 x 37mm)
- ◆ Weight: 2.4 oz. (68g)
- ◆ Power Source: 2 "CR2023" batteries (included)

Includes: • Soft carrying case

UPC	NO.
41330 2	DPH8690
41335 7	8690P Replacement Probe



DPH8690

REPLACEMENT PROBE FOR DCM4300, DCM22CT METERS

- Automatic Temperature Compensation
- Measuring Range: 0 - 1.999mS, 0 - 19.99mS (2 Ranges)
- CE and RoHS approved

- ◆ Operating temperature: 32° to 122°F (0° to 50°C)
- ◆ Accuracy: $\pm 3\%$ full scale + 1d
- ◆ Resolution: 0.001mS for 1.999mS range
- ◆ Resolution: 0.01mS for 19.99mS range
- ◆ Dimensions: .87 x 4.72 in. (22mm) Diameter x 4.72 in. (120mm) Length

UPC	NO.
41446 0	CP4300



CP4300

CONDUCTIVITY/TDS REPLACEMENT PROBE FOR DCT2001, DCM22CT, DCM4300

- ATC and Variable temperature compensation
- Conductivity / TDS
- CE and RoHS approved

- ◆ Operating temperature: 32° to 140°F
- ◆ Conductivity: 0-2mS, 0-20mS (2 Ranges)
- ◆ Total Dissolved Solids (TDS): 2000/20000 PPM

UPC	NO.
41442 2	CTOP2001



CTOP2001

ACCESSORIES
SOFTWARE & CABLE KITS

- LSFT KIT** DOWNLOAD SOFTWARE & CABLE FOR: DCM22CT, DPHC2001, DCT2001, DCM4300; DPH208R; DLM105HA; UVC254; DAF80MIN, DAF80PW, DAF80PWM; HWA4204HA; PM9100; FG100KG, VC9200; TQ8800; VB8201HA
- ASFT KIT** DOWNLOAD SOFTWARE & CABLE FOR: PIRT9811; DT8852; DSM8922; CDM77535; DCFM8906, DCFM8901; WDCFM8912; DM8205, DM8215, DM8230, DM8200, DM8252, DM8252RS



FEATURES

SPECIFICATIONS

WATER PURITY TESTER

Tests water quality for drinking, industrial use and water filter effectiveness.

- Checks the purity of water (water conductivity)
- Measures the conductivity value (ranging from 0 - 2000 μ S)
- Pocket size, separate probe
- Easy to carry and operate
- CE and RoHS approved

- ◆ Operating Humidity: Max. 80%RH
- ◆ Power Consumption: Approx. DC 5mA
- ◆ Weight: Approx. 7.8 oz. (220g) (including battery and probe)
- ◆ Dimensions: Main instrument: 5.2 x 2.8 x 1.0 in. (131 x 70 x 25mm)
Sensor probe: Round, 22mm Diameter, 120mm length
- ◆ Power Source: 1 "9V" battery (not included)

Includes: • Sensor probe

UPC	NO.
41470 5	WA300

CE
RoHS
WA300



WATER PURITY METER

Tests water quality for drinking, industrial use and water filter effectiveness.

- Water conditioning, aquarium, food processing, photography, school, laboratory, industrial and quality control
- Checks the condition of water filter
- Measurement: 0-1999 μ S
- Easy Operation
- Hold, Record (Min/Max)
- IP-65 Water resistance
- Heavy-duty
- CE and RoHS approved

- ◆ Power Source: 4 "AAA" batteries (not included)

UPC	NO.
01243 7	PWM301



CE
RoHS
PWM301



ANALOG SPA AND POOL pH/CHLORINE TESTER

Checks chlorine and pH levels for pool and spa.

- Chlorine – pH Tester
- Tests your pool or spa water
- No adjustment is required for pH

- ◆ Dimensions: 7.1 x 4.5 x 1.3 in. (180 x 115 x 32mm)
- ◆ Weight: 6 oz. (170g)
- ◆ Power Source: 1 "AA" battery (not included)

UPC	NO.
12101 4	CPH12101

CPH12101



FEATURES

ANALOG BAROMETER

Checks barometric pressure and forecast.

- Measures barometric pressure
- Brass housing
- Classic design
- Weather forecast

SPECIFICATIONS

- ◆ Range: 27.5 to 31.5 HG (940 to 1060 mbar)
- ◆ Dimensions: 3 in. dial diameter
- ◆ Weight: 10 oz. (283g)

UPC	NO.
61205 7	ABAR300



ABAR300

ANALOG BAROMETER THERMO-HYGROMETER

Checks temperature, humidity and barometric pressure.

- 3-in-1 analog weather monitor
- Brass construction
- Attractive design
- 6 in. dial
- Displays: Temperature, Humidity, Dew point, Wet bulb

- ◆ Range: -20° to 120°F
- ◆ Humidity range: 0% to 100%RH
- ◆ Barometric range: 27.5 to 31.5 HG

UPC	NO.
61210 1	ABARTH



ABARTH

DIGITAL POCKET WEATHERMAN

Checks temperature, humidity and barometric pressure.

- Displays barometric pressure, dew point, temperature and humidity
- Easy field set-up
- New ergonomic design
- Min/Max memory with reset feature
- Fast 2 second response time
- Large digital display
- °F/°C readings
- Data hold
- Auto power off
- Low battery indicator
- CE and RoHS approved

- ◆ Range: -4° to 122°F (-20° to 50°C)
- ◆ Pressure range: 8.86 to 32.48 in/Hg (300 to 1100 hPa)
- ◆ Dew point range: 32° to 140°F (0° to 60°C)
- ◆ Humidity range: 0 to 100%RH
- ◆ Pressure and Dew point accuracy: ±3%
- ◆ Humidity accuracy: ±5%
- ◆ Temperature accuracy: ±1.8°F
- ◆ Dimensions: 6.88 x 1.57 x 0.91 in. (175 x 40 x 23mm)
- ◆ Power Source: 1 "CR2032" battery (included)

Includes: • Pocket clip on back

UPC	NO.
10115 5	SAM700BAR



CE
RoHS
SAM700BAR



DBAR880

FEATURES

DIGITAL WEATHER FORECASTER

Checks indoor and outdoor temperature, humidity and barometric pressure.

- Displays Indoor and Outdoor Temperature
- Barometer Display and 12 Hour History
- Min/Max Temperature & Humidity Display
- Temperature Trend Indicator
- Moon Cycle with Tide Indicator
- Alarm Clock with Snooze, Day and Date
- Full Calendar
- Hi Precision Barometric Weather Forecast
- Forecast: Sunny, Partial Sunny, Cloudy, Rainy, Stormy
- 3-Channel Wireless Thermometer
- Indoor Humidity
- Backlight Display
- °F/°C, 12/24 Selectable
- CE approved

SPECIFICATIONS

- ◆ Range:
Indoor: 32° to 122°F (0° to 50°C)
Outdoor: -4° to 140°F (-20° to 60°C)
- ◆ Power Source:
Base Unit: 2 "AA" batteries (included)
Remote Unit: 2 "AA" batteries (included)

UPC	NO.
60018 4	DBAR880

DIGITAL BAROMETER WITH BAROMETRIC TREND

Ideal for most weather applications.

- Digital barometer with Real-time Pressure Readout
- Past 12 hours Pressure History
- Hi Precision Barometric Weather Forecast
- Resolution: Sunny, Partial Sunny, Cloudy, Rainy, Stormy
- 3-Channel Wireless Thermometer
- Temperature Trend Indicator: Up, Steady, Down
- Indoor Humidity
- 12/24 hour selectable clock
- Radio-Controlled Clock
- Min/Max Memory for Temp, Humidity
- °F/°C switch
- Snooze alarm
- Full Calendar Display
- Bright Green Backlight
- CE approved

- ◆ RF Frequency : 434MHz
- ◆ Dimensions:
6.1 x 2.8 x 1.2 in. (155 x 70 x 30 mm)
- ◆ Power Source: 2 "AA" batteries (included)

UPC	NO.
60019 1	DBAR110



DBAR110



WIRELESS RAIN GAUGE WITH TEMPERATURE DISPLAY

Records and displays rain amount.

- Self-emptying cable free rain collector
- Indoor thermometer
- Long range capability allows the canister to be placed up to 300 feet from the main unit
- Calendar alarm clock
- Provides cumulative and daily precipitation totals for up to nine days
- Total rainfall display with registered date
- Rainfall alarm
- Rainfall display in inches or millimeters
- °F/°C switch
- Min/Max temperature
- 12 or 24 hour clock format
- 4-line LCD display
- Wall or table mount features
- CE approved

- ◆ Daily Rainfall Range:
0 to 99.99 in. (0 to 2540mm)
 - ◆ Total Rainfall Range:
0 to 999.99 in. (0 to 25400mm)
 - ◆ Temperature Range:
-58° to 158°F (-50° to 50°C)
 - ◆ Dimensions:
Main Unit: 5.25 x 3.5 x 1.5 in.
Sensor: 6 x 4.05 in.
 - ◆ Power Source: 4 "AA" batteries (not included)
- Includes: • Main display unit
• Wireless rain collection bucket

UPC	NO.
60350 5	RGR122



RGR122

FEATURES

WIRELESS RAIN GAUGE WITH TEMPERATURE DISPLAY, REMOTE RAIN BUCKET AND TEMPERATURE SENSOR

Provides rain history and temperature.

- Daily rainfall and past 9 day history
 - Cable free rain collection canister is self-emptying
 - Total rainfall is displayed with registered date
 - Rainfall display in inches or millimeters
 - Long range capability allows the collector to be placed up to 300 feet from the main unit
 - Rainfall alarm
 - Daily alarm
 - Indoor temperature display with °F/°C switch
 - Min/Max temperatures
 - 12 or 24 hour clock with calendar
 - Displays data on an attractive, easy-view LCD console
 - Table or wall mountable
 - CE and RoHS approved
- ◆ Total rainfall range:
0 to 999.99 in. (0 to 25,400mm)
 - ◆ Daily rainfall range:
0 to 99.99 in. (0 to 2,540mm)

SPECIFICATIONS

- ◆ Rainfall resolution: 0.04 in. (1mm)
 - ◆ Range: 23° to 122°F (-5° to 50°C)
 - ◆ Temperature resolution: 0.1°F (0.1°C)
 - ◆ Transmission frequency: 433 MHz
 - ◆ Transmission range: 300 ft. (100m)
 - ◆ Temperature sensing cycle: around 30 seconds
 - ◆ Dimensions:
Display: 5.25 x 3.5 x 1.5 in.
Remote sensor: (H x Ø): 6 x 4 in.
 - ◆ Power Source:
Main unit: 2 "AA" batteries (not included)
Remote sensor: 2 "AA" batteries (not included)
- Includes:
- Main display unit
 - Wireless rain collection bucket with mounting materials
 - Remote sensor with mounting materials

UPC	NO.
60340 6	RGR126



CE
RoHS
RGR126

WIRELESS RAIN GAUGE WITH THERMOMETER AND CLOCK

Ideal for weather monitoring rainfall, indoor/outdoor temperatures, ice warning and more.

- Wireless transmission of the temperature from the remote temperature sensor to the main unit up to 100 feet (30 meters) away
- Rainfall may be displayed in inches or mm
- Programmable Rain Alarm
- 7 days of rain collection history
- Built-in rain gauge installation level
- Indoor and remote temperature display
- MIN/MAX memory for indoor/outdoor temperature
- Hourly, daily and weekly rainfall history
- Monitors temperature in up to 3 remote locations
- Quartz clock with calendar
- Programmable Time Zones
- Day of the week in English, German, French, Spanish or Italian
- Dual crescendo alarm with snooze
- Programmable Ice Warning Alarm
- Wall mount or desktop option
- Low battery indicator • LED backlight
- CE and RoHS approved

- ◆ **MAIN UNIT**
- ◆ TIME:
12/24 hour display in hh:mm format
Date format: month-day or day-month format
Day of the week is selectable in five languages: English, Spanish, French, German, Italian
Time zone manual adjustment
Dual two-minute crescendo alarms with 8 minutes snooze
Programmable ice warning alarm (Channel 1)
- ◆ **WEATHER**
Rainfall:
Operating range:
0 to 78.74 in. (0 to 1999.9mm)
Rainfall resolution: 0.04 in. (1mm)
Indoor Temperature:
Operating range:
23.0° to 122.0°F (-5.0° to 50.0°C)
Temperature resolution: 0.2°F (0.1°C)
Selectable °F or °C temperature display
LED backlight
Low battery indicator
Wall Mount or Desktop option
- ◆ **REMOTE RAIN GAUGE**
Remote Rainfall Data
Operating range:
23.0° to 122.0°F (-5.0° to 50.0°C)
RF transmission frequency: 433 MHz
RF transmission range:
maximum 100 ft. (30m)
Rainfall transmission cycle:
approximately 183 seconds



CE
RoHS
RGR150



- Includes:
- Main display unit
 - Wireless rain collection bucket with mounting materials
 - Remote temperature sensor

- ◆ **REMOTE TEMPERATURE SENSOR**
Remote Temperature
Operating range with alkaline batteries:
-4.0° to 158°F (-20.0° to 70.0°C)
Operating range with lithium batteries:
-38.0° to 158°F (-38.8° to 70.0°C)
Temperature resolution: 0.2°F (0.1°C)
Low battery indicator
RF transmission frequency: 433 MHz
Maximum number of remote sensors:
3 (1 included)
RF transmission range:
maximum 100 ft. (3m)
Temperature transmission cycle:
approximately 45 seconds
- ◆ Power Source:
Main unit: 2 "AA" batteries (not included)
Remote sensor: 2 "AA" batteries (not included)
Remote rain gauge: 2 "AA" batteries (not included)
- ◆ Dimensions:
Main unit: 2.75 x 5.43 x 1.02 in.
Remote sensor: 2.37 x 4 x 1 in.
Remote rain gauge: 6.49 x 6.89 x 4.72 in.

UPC	NO.
01273 4	RGR150

FEATURES

SPECIFICATIONS

WIRELESS DATA LOGGING WEATHER STATION

Wireless transmission of outdoor temperature, humidity, quantity of rainfall, wind velocity and direction from the exterior sensors to the display station (433 MHz). Long-distance range up to (100m) free field.



WS831DL

- Wireless transmission of outdoor temperature, humidity, quantity of rainfall, wind velocity and direction from the exterior sensors to the display station (433 MHz), long-distance range up to 325 ft. (100m) free field
- Expandable up to 5 outdoor temperature/humidity transmitters, also for the climate control of remote rooms, e.g. children's room, wine-cellar, greenhouse
- Indoor temperature and humidity with comfort level indicator of indoor climate
- Weather forecast with symbols and tendency of atmospheric pressure
- Absolute and relative atmospheric pressure with 24 hours history
- Bar graph indication of atmospheric pressure, temperature or humidity for the last 24 hours
- Radio controlled clock with different alarms and snooze functions
- Display of date and weekday (6 languages)
- Time of rising and setting of sun and moon
- Indication of moon phase
- Wind chill factor and dew point
- Programmable alarm functions for weather conditions, like temperature alarm, storm warning
- Maximum and minimum values
- LED Back-light with light sensor (in continuous operation with power adapter)
- For wall mounting or table standing
- Data logging software (Weather View PC) and cable included
- CE and RoHS approved

- ◆ Radio Frequency: 433 MHz
- ◆ RF Reception range: 100-328 ft. (30 -100m)
- ◆ Barometric Pressure:
 - Measuring Range: 14.75 inHg to 32.44 inHg (500 Hpa to 1100Hpa); (374.5 mmHg to 823.8 mmHg)
 - Resolution: 0.003 inHg (0.1 Hpa, 0.08 mmHg)
 - Accuracy: 0.015 inHg (5 Hpa; 0.38 mmHg)
 - Sampling interval: 20 minutes
 - Sea level Altitude Compensation Range: -657 ft. to 16404 ft. (-200m to +5000m)
- ◆ Temperature: (Main unit)
 - Range: 14.2° to 140°F (-9.9° to 60°C)
 - Resolution: 0.2°F (0.1°C)
 - Accuracy: 2°F (1°C)
 - Sampling Interval: 10 seconds
- ◆ Temperature: (Remote unit)
 - Range: -40° to 176°F (-40° to 80°C)
 - Resolution: 0.2°F (0.1°C)
 - Accuracy: 2°F (1°C)
 - Transmitting Interval: around 47 seconds
- ◆ Humidity: (Main unit)
 - Range: 30% to 80%
 - Resolution: 1% Accuracy: 5%
 - Sampling Interval: 10 seconds
- ◆ Humidity: (Remote unit)
 - Range: 30% to 80%
 - Resolution: 1% Accuracy: 5%
 - Sampling Interval: 10 seconds
 - Transmitting Interval: around 47 seconds
- ◆ Wind Direction:
 - Range: 0° to 360°
 - Resolution: 22.5°
 - Accuracy: 11.25°
 - Starting Threshold: 3mph (4.8 Km/h)
 - Transmitting Interval: 33 seconds
- ◆ Wind Speed:
 - Range: 0 to 199.9mph (199.9 Km/h, 173.7 Knots, 89.3 m/s)
 - Resolution: 0.1mph (0.16 Km/h)
 - Accuracy: (2mph + 5%)
 - Starting Threshold: 3mph (4.8 Km/h)
 - Wind/Gust Speed Display Update Interval: 33 seconds
 - Wind/Gust Sampling Interval: 11 seconds

- ◆ Rainfall:
 - 1h/24h/yesterday range: 0 to 78.73 in. (0 to 1999.9mm)
 - Last week/last month range: 0 to 787.3 in. (0 to 19999mm)
 - Resolution: 0.03 in. (0.6578mm)
 - Accuracy: ±5% ±0.03 in. (±5% ±0.6875mm)
 - Transmitting Interval: 183 seconds
- ◆ Hardware Requirement for WeatherView:
 - PC Software Operating System: Windows 98/NT/2000/ME or XP
 - Memory size: Ram 128 MB or more
 - Hard disk size: 100 MB free space or more
 - Media Device: 1 x CD-Rom drive
 - Available serial USB port
- ◆ Power Source: Total of 10 "AA" batteries (not included)
 - MAIN UNIT:**
 - 4 "AA" batteries;
 - 7.5V AC/DC power adaptor (200mA; center pin positive)
 - REMOTE THERMO-HYGROMETER:**
 - 2 "AA" batteries each
 - REMOTE ANEMOMETER:**
 - 2 "AA" batteries
 - REMOTE RAIN GAUGE:**
 - 2 "AA" batteries
- ◆ Weight: (without batteries)
 - Main unit: 8.15 oz. (231g)
 - Remote Thermo-Hygrometer: 2.29 oz. (65g)
 - Remote Anemometer: 11.12 oz. (315g)
 - Remote Rain Gauge: 10.24 oz. (290g)
- ◆ Dimensions:
 - Main unit: 7.31 x 5.39 x 1.26 in. (185.8 x 136.9 x 32mm)
 - Remote Thermo-Hygrometer: 2.37 x 4 x 1 in. (60 x 101 x 25mm)
 - Remote Anemometer: 19.16 x 19.16 x 15.35 in. (486.6 x 486.6 x 390mm)
 - Remote Rain Gauge: 6.49 x 6.89 x 4.72 in. (165 x 175 x 119mm)



- Includes:
- Main display unit
 - Remote Thermo-Hygrometer
 - Remote Anemometer
 - Remote Rain Gauge
 - Data Logging Software (Weather View PC)
 - Cable

UPC NO.
01298 7 WS831DL



FEATURES

PROFESSIONAL WIRELESS WEATHER STATION

Wireless monitoring of weather condition: indoor/outdoor temperature, humidity, rainfall, wind speed, barometric pressure and many more.

- Wireless transmission of outdoor temperature, humidity, quantity of rainfall, wind velocity and direction from the exterior sensors to the display station (433 MHz), long-distance range up to 325 ft. (100m) free field
- Expandable up to 5 outdoor temperature/humidity transmitters, also for the climate control of remote rooms, e.g. children's room, wine-cellar, greenhouse
- Indoor temperature and humidity with comfort level indicator of indoor climate
- Weather forecast with symbols and tendency of atmospheric pressure
- Absolute and relative atmospheric pressure with 24 hours history
- Bar graph indication of atmospheric pressure, temperature or humidity for the last 24 hours
- Radio controlled clock with different alarms and snooze functions
- Display of date and weekday (6 languages)
- Time of rising and setting of sun and moon
- Indication of moon phase
- Wind chill factor and dew point
- Programmable alarm functions for weather conditions, like temperature alarm, storm warning
- Maximum and minimum values
- LED Backlight with light sensor (in continuous operation with power adapter)
- For wall mounting or table standing
- CE and RoHS approved

- Includes:
- Display Station
 - Power Adapter 7.5V AC/DC
 - Thermo-Hygrometer Sensor
 - Wind Sensor with mounting materials
 - Rain Sensor with mounting materials

UPC NO.
08210 2 WS821



SPECIFICATIONS

- ◆ Radio Frequency: 433 MHz
RF Reception range: 100 - 328 ft. (30 -100m)
- ◆ Barometric Pressure:
Measuring Range: 14.75 inHg to 32.44 inHg (500 Hpa to 1100Hpa); (374.5 mmHg to 823.8 mmHg)
Resolution: 0.003 inHg (0.1 Hpa, 0.08 mmHg)
Accuracy: 0.015 inHg (5 Hpa; 0.38 mmHg)
Sampling interval: 20 minutes
Altitude Compensation Range: -657 to 16404 ft. (-200m to 5000m)
- ◆ Temperature: (Main unit)
Operating Range: 14.2° to 140°F (-9.9° to 60°C)
Resolution: 0.2°F (0.1°C)
Accuracy: 2°F (1°C)
Sampling Interval: 10 seconds
- ◆ Temperature: (Remote unit)
Range: -40° to 176°F (-40° to 80°C)
Resolution: 0.2°F (0.1°C)
Accuracy: 2°F (1°C)
Transmitting Interval: around 47 seconds
- ◆ Humidity: (Main unit)
Operating Range: 0% to 99%
Resolution: 1%
Accuracy: 5%
Sampling Interval: 10 seconds
- ◆ Humidity: (Remote unit)
Operating Range: 0% to 99%
Resolution: 1%
Accuracy: 5%
Sampling Interval: 10 seconds
Transmitting Interval: around 47 seconds
- ◆ Wind Direction:
Range: 0° to 360°
Resolution: 22.5°
Accuracy: 11.25°
Starting Threshold: 3mph (4.8 Km/h)
Transmitting interval: 33 seconds



WS821

- ◆ Wind Speed:
Range: 0 to 199.9mph (199.9 Km/h, 173.7 Knots, 89.3 m/s)
Resolution: 0.1mph (0.16 Km/h)
Accuracy: (2mph + 5%)
Starting Threshold: 3mph (4.8 Km/h)
Wind/Gust Speed Display Update Interval: 33 seconds
Wind/Gust Sampling Interval: 11 seconds
- ◆ Rainfall:
1h/24h/yesterday range: 0 to 78.73" (0 to 1999.9mm)
Last week/ last month range: 0 to 787.3" (0 to 19999mm)
Resolution: 0.03" (0.6578mm)
Accuracy: ±5% ±0.03" (±5% ±0.6875mm)
Transmitting Interval: 183 seconds
- ◆ Power Source: Total of 10 "AA" batteries (not included)
MAIN UNIT: 4 "AA" batteries; 7.5V AC/DC power adaptor (200mA; center pin positive)
REMOTE THERMO-HYGROMETER: 2 "AA" batteries
REMOTE ANEMOMETER: 2 "AA" batteries
REMOTE RAIN GAUGE: 2 "AA" batteries
- ◆ Weight (without batteries)
Main unit: 8.15 oz. (231g)
Remote Thermo-Hygrometer: 2.29 oz. (65g)
Remote Anemometer: 11.12 oz. (315g)
Remote Rain gauge: 10.24 oz. (290g)
- ◆ Dimensions:
Main unit: 7.31 x 5.39 x 1.26 in. (185.8 x 136.9 x 32mm)
Remote Thermo - Hygrometer: 2.37 x 4 x 1 in. (60 x 101 x 25mm)
Remote Anemometer: 19.16 x 19.16 x 15.35 in. (486.6 x 486.6 x 390mm)
Remote Rain gauge: 6.49 x 6.89 x 4.72 in. (165 x 175 x 119mm)



WEATHER



WR103

FEATURES

DIGITAL NOAA WEATHER RADIO

Check latest weather forecast.

- Monitors U.S. emergency all hazards and EAS weather bulletins, warnings and forecasts
- Broadcasts tornado and storm alerts, forecasts and warnings
- Can also be programmed to broadcast information pertinent to your local area only or other areas you're interested in (up to six specific areas of your choice)
- Water resistant construction
- 12 hr. or 24 hr. clock with calendar display
- Daily alarm: 2 one minute duration alarms
- 8 minute snooze function

SPECIFICATIONS

- ◆ Volume: 7 adjustable levels SAME code setting
- ◆ 6 independent settings or all counties options N.O.A.A. channels
- ◆ Digital PLL tuning seeks all 7 N.O.A.A. weather channels receiving signals at 162.400 to 162.550 MHz
- ◆ Accuracy: (±0.5) seconds/day
- ◆ Dimensions: 2.75 x 1.25 x 5.25 in. (70 x 32 x 133mm)
- ◆ Power Source: 3 "AA" batteries (included)

UPC	NO.
60500 4	WR103



LD50

DELUXE LIGHTNING DETECTOR

Early storm warning and storm direction.

- Detects storms within 40 miles
- Senses if the storm is moving towards, away, or parallel to your location
- Identifies severe thunderstorms as well as storms that can produce dangerous winds, heavy rains or tornadoes
- Starts detecting thunderstorms up to 70 miles away, registers activity at 40 miles
- Used by Little League teams, golf courses, and recreational districts
- Hand-held or table mountable
- Optional wall mount accessory

- ◆ Ranges: 0-3 mi; 3-8 mi; 8-20 mi; 20-40 mi
- ◆ Dimensions: 6.5 x 3.1 x 1.5 in. (165 x 79 x 38mm)
- ◆ Weight: 10.8 oz. (306g) (w/o batteries)
- ◆ Power Source: 2 "9V" batteries (included)
- Includes: • Rugged, weather-resistant plastic case

UPC	NO.
60600 1	LD50
60615 5	LD50MB Wall mount accessory (Optional)



LD7



LIGHTNING SEEKER™ PERSONAL LIGHTNING DETECTOR

Ideal for Early Storm Warnings and Storm Directions and protection for any outdoor activity.

- Pocket size lightning detector that can be clipped on your belt or hung from your belt loop
- Gives you early warning of pending storms and lightning at various distances from 0 - 40 miles away
- Multiple alarm signals include an audible alarm, a vibration alarm and sequentially illuminating LED's at various distance intervals: 24 - 40 miles, 12 - 24 miles, 6 - 12 miles and 0 - 6 miles
- Will inform you if the danger is approaching, stationary or departing
- FCC, CE, RoHS, WEEE approved

- ◆ Ranges: within 6 miles; 6 to 12 miles; 12 to 24 miles; 24 to 40 miles
- ◆ Dimensions: 3.31 x 2.17 x 0.96 in. (84 x 55 x 24mm)
- ◆ Weight: 2.6 oz. (74g)
- ◆ Power Source: 2 "AAA" batteries (included)

UPC	NO.
01368 7	LD7



LD9

COMPACT LIGHTNING DETECTOR

Early storm warning.

- Senses lightning up to 40 miles away
- Loud audible alarm and LED light
- Determines if a storm is approaching or departing
- Number of alarm beeps depends on the proximity of lightning
- Displays lightning strike distance, storm direction and battery life
- Small, impact-resistant pager-like design with belt clip

- ◆ Ranges: within 6 miles; 6 to 12 miles; 12 to 24 miles; 24 to 40 miles
- ◆ Dimensions: 3.31 x 2.17 x 0.96 in. (84 x 55 x 24mm)
- ◆ Weight: 2.6 oz. (74g)
- ◆ Battery life: up to 100 hours
- ◆ Power Source: 2 "AAA" batteries (included)

UPC	NO.
60690 2	LD9