

### FEATURES

### SPECIFICATIONS



ABAR300

#### ANALOG BAROMETER

Checks barometric pressure and forecast.

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

- ◆ Range: 27.5 to 31.5 HG (940 to 1060 mbar)
  - ◆ Dimensions: 3" dial diameter
  - ◆ Weight: 10 oz.
- Includes: • Conversion chart

| UPC     | NO.     |
|---------|---------|
| 61205 7 | ABAR300 |



ABARTH

#### ANALOG BAROMETER THERMO-HYGROMETER

Checks temperature, humidity and barometric pressure.

- 3-in-1 analog weather monitor
- Brass construction
- Attractive design
- 6" 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 |



ABAR381

#### POCKET BAROMETER/ALTIMETER

Checks elevation and barometric pressure.

- Durable
- Pocket size
- Economically priced
- Measures barometric pressure
- Dark grey high impact plastic case

- ◆ Altimeter range: 0 to 16,000 ft.
  - ◆ Barometer range: 18 to 30 Hg
- Includes: • Wrist strap

| UPC     | NO.     |
|---------|---------|
| 61207 1 | ABAR381 |



SAM700BAR

#### DIGITAL POCKET WEATHERMAN

Checks temperature, humidity and barometric pressure.

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

- ◆ Range: -4° to 122°F (-20° to 50°C)
  - ◆ Pressure range: 8.86 to 32.48 in/Hg (300 to 1100 hPa)
  - ◆ Dew pt. range: 32° to 140°F (0° to 60°C)
  - ◆ Humidity range: 0 to 100% RH
  - ◆ Pressure & Dew point accuracy: ±3% Humidity accuracy: ±5%
  - ◆ Temperature accuracy: ±1.8 F
  - ◆ Dimensions: 6.88" x 1.57" x 0.91"
- Includes: • 1 "CR2032" battery  
• Pocket clip on back

| UPC     | NO.       |
|---------|-----------|
| 10115 5 | SAM700BAR |



# WEATHER Barometers/Altimeters/Compass

## FEATURES

## SPECIFICATIONS

### DIGITAL WEATHER FORECASTER

Check indoor and outdoor temperature, humidity and barometric pressure.

- Displays Indoor & Outdoor Temperature
- Barometer Display & 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
- ◆ Range:
  - Indoor: 32° to 122°F (0° to 50°C)
  - Outdoor: -4° to 140°F (-20° to 60°C)
- Includes:
  - 2 "AA" batteries Base Unit
  - 2 "AA" batteries Remote Unit
  - 1 RSATH sensor

Optional: RSATH replacement sensor

| UPC     | NO.     |
|---------|---------|
| 60018 4 | DBAR880 |



DBAR880

### DIGITAL BAROMETER W/ 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-CH Wireless Thermometer
- Temperature Trend Indicator: Up, Steady, Down
- Past 12 hours Pressure History
- Indoor Humidity
- 12/24 hour selectable clock
- Radio-Controlled Clock
- Min/Max Memory for Temp, Humidity
- °F/°C switch

- Snooze alarm
- Full Calendar Display
- Super Green Backlight
- ◆ RF Frequency : 434MHz
- ◆ Product size: 6.1" x 2.8" x 1.2" (155 x 70 x 30 mm)
- Includes:
  - 2 "AA" batteries
  - 1 RSATH sensor

| UPC     | NO.     |
|---------|---------|
| 60019 1 | DBAR110 |



DBAR110

### HAND-HELD ALTIMETER & BAROMETER

Checks elevation, barometric pressure and temperature.

- Displays: altitude, barometric pressure, temperature, weather forecast, time, date & count-up timer
- °F/°C switch
- Weather forecast indication by icons
- Altitude history bargraph
- Altimeter measures in feet or meters
- Barometer measures in/Hg or mb/hpa
- 12 or 24 hour clock with alarm
- Calendar displays month & date

- ◆ Altimeter range: -1640 to 22976 ft. (-500 to 7000m)
- ◆ Altimeter resolution: 1 ft. (1m)
- ◆ Altimeter sampling rate: 2 to 15 sec.
- ◆ Barometer range: 11.81 to 31.60 inHg
- ◆ Barometer resolution: 0.03 inHg (1 mb/hPa)
- ◆ Barometer sampling rate: 15 minutes
- ◆ Range: -40° to 158°F (-40° to 70°C)
- ◆ Timer range: up to 99 hours
- Includes:
  - 2 "CR2032" batteries
  - Carrying case

| UPC     | NO.   |
|---------|-------|
| 60025 2 | DA833 |



DA833

### DIGITAL COMPASS WITH BACKLIGHT

Check directions, day, date and time.

- Solid compass arrow
- Displays cardinal points
- Numeric heading
- °F/°C switch
- Reset & on/off buttons
- Field calibratable
- Lock function
- Day and date display
- Clock with snooze alarm
- Water resistant
- Rugged rubber clip

- ◆ Numeric heading: displays every 5°
- ◆ Compass arrow: moves in 22.5° increments
- ◆ Cardinal points: N, E, NE, SE, S, SW, W, NW
- ◆ Temp. accuracy: ±2°F (±1°C)
- ◆ Directional accuracy: ±20°
- ◆ Dimensions: 5.25" x 2.63" x 1"
- Includes:
  - 3 "AAA" batteries
  - Lanyard

| UPC     | NO.     |
|---------|---------|
| 62065 6 | DC360BL |



DC360BL

## FEATURES

## SPECIFICATIONS



ARG14

### PRECISION ANALOG RAIN GAUGE

Science projects, plant watering etc.

- Professional Grade
- Great for science projects
- Easy to use
- Simple to read scale
- Ring alignment will enable the determination of amount of rain fallen in a given period

- ◆ Measures 0 to 1.6" (0 to 40mm)
- ◆ Cumulative Dial Ring: 0 to 10.2", (0 to 260mm)

Includes: • Holder for pole attachment

| UPC     | NO.   |
|---------|-------|
| 60360 4 | ARG14 |

### WIRELESS RAIN GAUGE W/ TEMP 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 & 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

- ◆ Daily Rainfall Range: 0 to 99.99 inches (0 to 2540 mm)
- ◆ Total Rainfall Range: 0 to 999.99 inches (0 to 25400 mm)
- ◆ Temperature Range: -58° to 158°F (-50° to 50°C)
- ◆ Power Source: 4 "AA" batteries (not included)
- ◆ Dimensions: Main Unit: 5.25" x 3.5" x 1.5" Sensor: 6" x 4.05"

| UPC     | NO.    |
|---------|--------|
| 60350 5 | RGR122 |



RGR122

### WIRELESS RAIN GAUGE W/ TEMP DISPLAY & REMOTE RAIN BUCKET AND TEMPERATURE SENSOR

Provides rain history and temperature.

- Daily rainfall & 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

- ◆ Total rainfall range: 0 to 999.99" (0 to 25,400 mm)
  - ◆ Daily rainfall range: 0 to 99.99" (0 to 2,540 mm)
  - ◆ Rainfall resolution: 0.04" (1 mm)
  - ◆ Range: 23° to 122°F (-5° to 50°C)
  - ◆ Temperature resolution: 0.1°F (0.1°C)
  - ◆ Transmission frequency: 433 MHz
  - ◆ Transmission range: 300 feet (100 meters)
  - ◆ Temperature sensing cycle: around 30 seconds
  - ◆ Dimensions: Display - 5.25" x 3.5" x 1.5" Sensor - (H x Ø): 6" x 4"
  - ◆ Power source: main unit: 2 "AA"; sensor: 2 "AA" batteries (not included)
- Includes: • Main display unit  
• Wireless rain collection bucket

| UPC     | NO.    |
|---------|--------|
| 60340 6 | RGR126 |



RGR126

**FEATURES**
**SPECIFICATIONS**
**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

- ◆ 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: ( $\pm 0.5$ ) seconds/day
  - ◆ Dimensions: 2.75" x 1.25" x 5.25"
- Includes: 3 "AA" batteries

| UPC     | NO.   |
|---------|-------|
| 60500 4 | WR103 |


**WR103**
**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"
  - ◆ Weight: 10.8 oz. (w/o batteries)
- Includes:
- 2 "9V" batteries
  - Rugged, weather-resistant plastic case

| UPC     | NO.                                    |
|---------|--|
| 60600 1 | LD50                                   |
| 60605 6 | LD50C Carrying case (Optional)         |
| 60610 0 | LD50AC 120V AC adapter (Optional)      |
| 60615 5 | LD50MB Wall mount accessory (Optional) |


**LD50**
**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; 6-12 miles; 12-24 miles; 20-40 miles
  - ◆ Dimensions: 2.85" x 1.85" x 0.75"
  - ◆ Weight: 2.75 oz.
  - ◆ Battery life: up to 100 hours
- Includes:
- 1 "AAA" battery

| UPC     | NO. |
|---------|-----|
| 60690 2 | LD9 |


**LD9**

### FEATURES

### SPECIFICATIONS

#### COMPLETE TOUCH PAD WIRELESS WEATHER STATION

Ideal for most weather applications.

- Electronic barometric-pressure sensing
- Memories for all conditions
- User-set alarms for all functions
- Audible/ visual warning, when a pre-set value is reached
- Backlit display
  - Digital clock with alarm
    - Day/ date calendar
    - Weather conditions are graphically displayed
    - Compass rose for wind direction, and feature icons
    - Weather icons display the forecast for next 12-24 hours
- Touch pad screen base unit

- ◆ Outdoor temp: -4° to 140°F (-20° to 60°C)
  - ◆ Indoor temp: 23° to 122°F (-5° to 50°C)
  - ◆ Resolution: 0.2°F (0.1°C)
  - ◆ Sampling: every 10 seconds
  - ◆ **Relative humidity:** Range: 2% to 98% RH  
Resolution: 1% RH
  - ◆ **Dew point Temp:** Outdoor range: 32° to 138°F (0° to 59°C); Indoor range: 32° to 120°F (0° to 49°C); Resolution: 2°F
  - ◆ **Barometric pressure/trend:** Range: 23.48 to 31.01 inHg; Resolution: 0.03 inHg
  - ◆ LCD Display unit dimensions: 7-7/8" x 5-1/2" x 1-1/2"
  - ◆ Display unit power source: 12V AC/DC adapter
  - ◆ Battery life: about 36 hours
- Includes:
- Touch screen base unit
  - Solar powered wind vane
  - Solar powered anemometer
  - Solar powered rain gauge
  - Solar powered thermo-hygrometer
  - 12V AC adapter
  - Solar powered baro-thermo-hygrometer

| UPC     | NO.    |
|---------|--------|
| 60175 4 | WMR968 |



WMR968

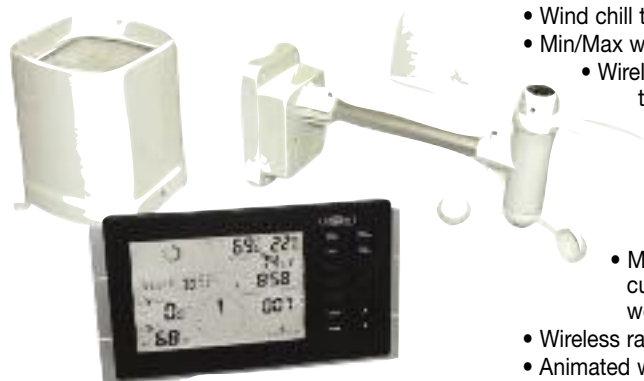
#### DELUXE PROFESSIONAL WIRELESS WEATHER STATION

Economical weather monitoring.

- Average & gust wind speed in beaufort, mph, m/s, km/h or knots
- High wind speed alarm setting
- Wind direction with 16 resolutions
- Wind chill temperature
- Min/Max wind speed & wind chill record
  - Wireless anemometer with built-in temperature & humidity sensor
    - Daily, weekly, monthly & total rainfall
    - Historical rainfall bar chart display in days, weeks & months format
  - Memory function to recall the current & past 6 days/ weeks/months rainfall data
- Wireless rain gauge
- Animated weather forecast (sunny, partly cloudy, cloudy, rainy, stormy)
- Barometric pressure reading with trend indicator
- Indoor & outdoor temperature, humidity, heat index
- Min/Max temperature, humidity, heat index & dew point record
- Ice alert indicator

- ◆ Range: 325 ft, 100M
- ◆ Wind: 0MPH, KM/H, M/S, Knots Beaufort; 0 to 67 MPH; 0 to 108 KPM
- ◆ Temperature: -4° to 122 °F (-20° to 60°C)
- ◆ Humidity range: 20 to 89 RH
- ◆ Rain Gauge Range: 230 ft, 70M
- ◆ Power source: 10 "AA" batteries (not included)

| UPC     | NO.    |
|---------|--------|
| 10122 3 | WS1500 |



WS1500

## FEATURES

## SPECIFICATIONS

### COMPLETE WIRELESS WEATHER STATION

Ideal for most weather applications.

- Receives and displays the WWVB radio controlled time and date
- Displays extensive weather data with programmable alarm functions, storm warning alarm
- Records all Min/Max values with time and date
- Indoor/outdoor relative humidity
- Air pressure readings in inHg or hPa, absolute or relative
- Rainfall data in 1 hour, 24 hours, total since last reset in mm or inch
- Wind speed in mph, km/h, m/s, knots or Beaufort
- Wind direction display with LCD compass & numerical
- Wind chill temp display
- Dew point temp display

- ◆ Outdoor temp: -22° to 176°F (-30° to 80°C)
- ◆ Indoor temp: 32° to 176 (0° to 80°C)
- ◆ **Relative humidity:** Range: 5% to 95% RH; Resolution: 1% RH; Accuracy: +/-8%
- ◆ **Air Pressure:** Range: 23.62 to 32.48 inHg, 800 to 1100 hPa; Resolution: 0.03 inHg (1 mb)
- ◆ Measuring interval: 3 minutes
- ◆ Range in open space: Max. 330 ft. (100 m)
- ◆ Clock: 12 or 24 hour display with date
- ◆ Transmission frequency: 433.92 MHz
- ◆ Power source: 4 "AA" batteries (not included)
- ◆ Display unit dimensions: 8.5" x 6.38" x 1.13"

- Includes:
- Base receiver station
  - 3 outdoor sensors: thermo-hygrometer, wind, rain
  - CD-ROM software-data to PC
  - PC RS232 serial port cable
  - AC/DC power adapter
- Optional: Wired connection for data transfer to base



WS2315

| UPC     | NO.    |
|---------|--------|
| 60203 4 | WS2315 |

### PROFESSIONAL WEATHER STATION

Ideal for most weather applications.

- Measures Wind Speed & direction, Wind Chill, Rainfall Amounts & Barometric Pressure
- Monitors Indoor & Outdoor Temperature & Humidity
- Automatically sets to the US Atomic clock
- Dual crescendo alarm
- 12 to 24 hour weather forecast
- 24 hour barometric pressure history chart
- Indoor/Outdoor Temperature & Humidity
- Manual altitude adjustment
- Monitors temperature & humidity in up to 3 remote locations
- Operating range up to 100 feet (30 meters)
- LED backlight
- Automatic backlight control
- Radio Frequency: 433MHz
- Compliance FCC, CE and UL
- Anemometer measures wind speed and direction
- Rain gauge measures rainfall amount
- Thermo-hygrometer measures temperature and humidity

- ◆ Barometric Pressure: 14.75 inHg to 32.44 inHg (500hPa to 1100hPa) 374.5mm/Hg to 823.8 mm/Hg
- ◆ Temp: 14.2° to 140°F (-9.9° to 60°C) Indoor -40° to 176°F (-40° to 80°C) remote
- ◆ RH: 0 to 99% indoor; RH: 0 to 99% outdoor
- ◆ Wind direction: 0 to 360
- ◆ Wind Speed: 0 to 299.9mph 199.9 Km/hr, 173.7 Knots, 89.3 m/sec.
- ◆ Rainfall: 0 to 78.73 inch (0 to 1999.9mm) hour day yesterday
- ◆ 0 to 787.3 inch (0 to 19999mm) last week, last month
- ◆ Dimensions: Main unit: 7.3" x 5.4" x 1.3" (186 x 137 x 32mm), Remote Thermo-hygrometer: 2.4" x 4" x 1" (60 x 101 x 25mm), Remote Anemometer: 19.2" x 19.2" x 15.4" (487 x 487 x 390mm), Remote Rain Gauge: 6.5" x 6.9" x 4.7" (165 x 175 x 119mm)
- ◆ Weight: Main unit: 8.2 oz (231g) Remote Thermo-hygrometer: 2.3oz (65g) Remote Anemometer: 11.1oz (315g) Remote Rain Gauge: 10.2oz (290g)
- ◆ Batteries required: (10 total) 1.5V "AA" batteries (not included). Main Display: 4 - 1.5 "AA" batteries Anemometer: 2 - 1.5 "AA" batteries Temp & Humidity Sensor: 2 - 1.5 "AA" batteries Rain Gauge: 2 - 1.5 "AA" batteries

- Includes:
- 7.5V AC/DC adapter
  - remote sensors

| UPC     | NO.    |
|---------|--------|
| 08210 2 | TE821W |



TE821W



Instruments - Soil Moisture, pH, Temperature, Light

FEATURES

SPECIFICATIONS



GLMM100

**SOIL MOISTURE & LIGHT METER**

Checks for adequate lighting and moisture.

- Easy to use
- Heavy duty probe
- Instantly indicates watering needs & light conditions
- Plant watering & light chart included
- No batteries needed

- ◆ Dimensions: 3.9" x 2.6" x 1.1" (100 x 65 x 28mm)
- ◆ Weight: 3.2oz (90g)

| UPC     | NO.     |
|---------|---------|
| 10017 2 | GLMM100 |



GLMM200

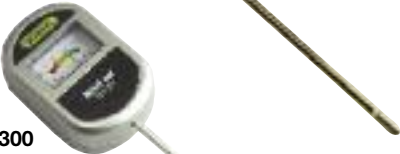
**SOIL MOISTURE METER**

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" (255 x 55 x 28mm)
- ◆ Weight: 1.8oz (50g)

| UPC     | NO.     |
|---------|---------|
| 10018 9 | GLMM200 |



GLMM300

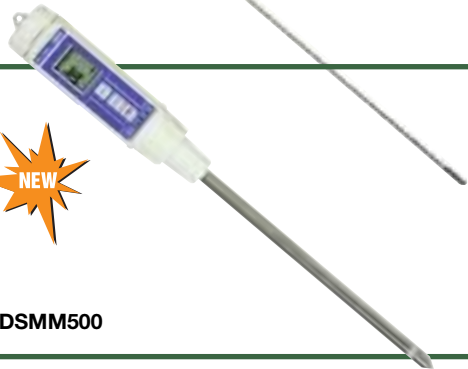
**SOIL pH TESTER**

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" (255 x 55 x 28mm)
- ◆ Weight: 1.6oz (45g)

| UPC     | NO.     |
|---------|---------|
| 10019 6 | GLMM300 |



DSMM500

**PRECISION DIGITAL SOIL MOISTURE METER W/ PROBE**

Agricultural professional use.

- Soil moisture content measurement
- Heavy duty probe
- Probe length: 0.8" (20mm)
- Easy operation
- Hold, Record (Min/Max)
- IP-65 Water resistance
- Heavy duty

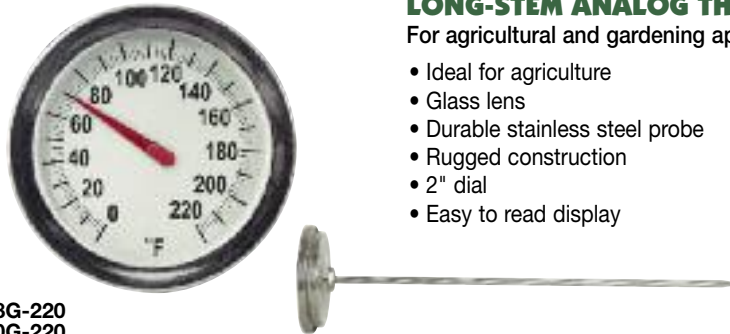
- ◆ Range: 0-50% moisture content
- ◆ 4 "AAA" batteries required

| UPC     | NO.     |
|---------|---------|
| 01240 6 | DSMM500 |

AGRICULTURE

**LONG-STEM ANALOG THERMOMETERS**

For agricultural and gardening application.



PT2008G-220  
PT2020G-220  
PT2008G-550

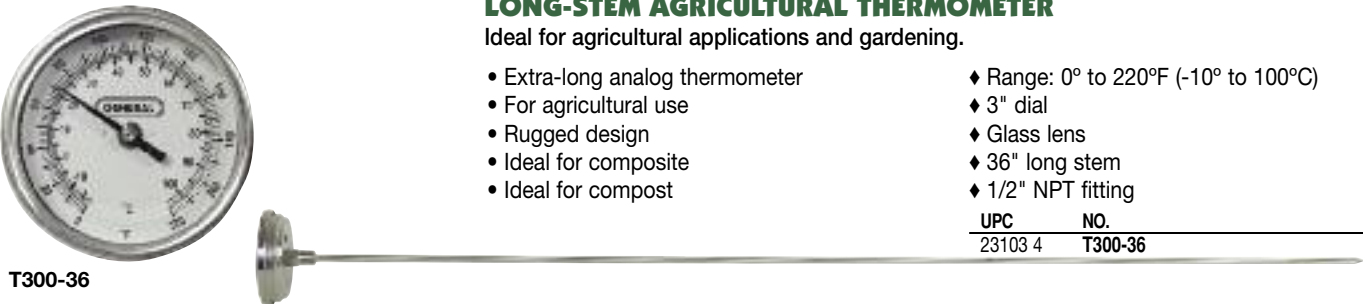
- Ideal for agriculture
- Glass lens
- Durable stainless steel probe
- Rugged construction
- 2" dial
- Easy to read display

- ◆ Range: 0° to 220°F
- ◆ PT2008G-220: 8" long
- ◆ PT2008G-550: 12" long
- ◆ PT2020G-220: 20" long
- ◆ 2" dial
- ◆ PT2008G-550: HIGH Temp 50° to 550°F (50° to 285°C)

| UPC     | NO.         |
|---------|-------------|
| 23101 2 | PT2008G-220 |
| 23105 0 | PT2020G-220 |
| 23100 5 | PT2008G-550 |

**LONG-STEM AGRICULTURAL THERMOMETER**

Ideal for agricultural applications and gardening.



T300-36

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

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

| UPC     | NO.     |
|---------|---------|
| 23103 4 | T300-36 |

### FEATURES

### SPECIFICATIONS

#### DIGITAL INTELLIGENT pH CONDUCTIVITY METER WITH RS232 OUTPUT

Substrate analysis and nutrient concentration.

- pH meter with mV & “plug and play” function
- Manual temperature compensation adjustable
- RS232 Output
- Hold
- Memory record
- °F/°C readings

- ◆ Conductivity: 2/20 mS, 2 ranges
- ◆ Temperature: 0.1 C/0.1°F (0 to 60°C)
- ◆ ATC & variable temp compensation factor adjustable (0-5.0% per degree Celsius)

| UPC     | NO.  |
|---------|--|
| 02001 2 | <b>DPHC2001</b>                                      |
| 41439 2 | <b>DOP2201</b><br>Dissolved Oxygen Replacement Probe |
| 41443 9 | <b>TP2001</b><br>Temperature Replacement Probe       |
| 41410 0 | <b>LSFT KIT</b> PC Interface Kit (Optional)          |



**DPHC2001**

#### PROFESSIONAL CONDUCTIVITY/TDS METER

Laboratory, beverage and water conditioning.

- Manual Temperature Compensation Adjustment
- Microprocessor Circuit
- RS-232 Output
- Hold
- Memory Record
- °F/°C
- Auto Shut-Off

- ◆ Circuit: Custom One-chip Microprocessor LSI Circuit
- ◆ Conductivity 0-2/20mS (2Ranges)
- ◆ TDS: 0-2000/20,000 PPM (2 Ranges)
- ◆ Temperature: 0-60°C 0.1 Degree Resolution
- ◆ ATC & Variable Temperature Compensation Factor Adjustment

| UPC     | NO.   |
|---------|---|
| 41440 8 | <b>DCT2001</b>  |
| 41442 2 | <b>CTOP2201</b><br>Conductivity/TDS Replacement Probe |
| 41410 0 | <b>LSFT KIT</b> PC Interface Kit (Optional)           |



**DCT2001**

#### DIGITAL CONDUCTIVITY METER

Ideal for field checks of water-based solutions.

- Data hold
- Large LCD display
- 2 ranges
- Professional housing case
- Automatic temp compensation

- ◆ 2 ranges: 2 mS, 20 mS
- ◆ Digit height: 21.5 mm

| UPC     | NO.   |
|---------|---|
| 41445 3 | <b>DCM4300</b>  |
| 41446 0 | <b>CP4300</b><br>Conductivity Replacement Probe       |
| 41442 2 | <b>CTOP2201</b><br>Conductivity/TDS Replacement Probe |
| 41410 0 | <b>LSFT KIT</b> PC Interface Kit (Optional)           |



**DCM4300**

#### DIGITAL CONDUCTIVITY/TDS METER

Ideal for lab and field use.

- RS232
- Data hold
- Large display
- ATC
- Record
- Min/Max readings

- ◆ Conductivity 2 ranges: 2 mS, 20 mS
- ◆ TDS 2 ranges: 2,000, 20,000 PPM
- ◆ Temp: 0° to 60.0°C, °F/°C

| UPC     | NO.   |
|---------|---|
| 41450 7 | <b>DCM22CT</b>                                    |
| 41442 2 | <b>CTOP2201</b><br>Conductivity Replacement Probe |
| 41410 0 | <b>LSFT KIT</b> PC Interface Kit (Optional)       |



**DCM22CT**

**FEATURES**

**SPECIFICATIONS**



CP4300

**REPLACEMENT PROBE FOR DCM4300, DCM22CT METERS**

- Automatic Temperature Compensation
- Measuring Range: 2 ranges 1.999mS, 19.99mS

- ◆ Accuracy: +/- (3% full scale + 1d)
- ◆ Resolution: 0.001mS for 1.999mS range
- ◆ Resolution: 0.01mS for 19.99mS range
- ◆ Dimensions: Round, 22mm Dia. x 120mm length
- ◆ Operating temperature: 32° to 122°F (0° to 50°C)

| UPC     | NO.    |
|---------|--------|
| 41446 0 | CP4300 |



TP2001

**TEMPERATURE REPLACEMENT PROBE FOR DPHC2001**

- Automatic Temperature Compensation
- Precision Thermister Sensor

- ◆ Measuring Range: 32° to 149°F (0° to 65°C)
- ◆ Accuracy 1.5°F (0.8°C)
- ◆ Probe 0.15" (3.9mm) Diameter, 4" (102mm) Length
- ◆ Handle .43" (11mm) Diameter, 2.4" (60mm) Length

| UPC     | NO.    |
|---------|--------|
| 41443 9 | TP2001 |



DOP2001

**DISSOLVED OXYGEN REPLACEMENT PROBE FOR DPHC2001**

- Applications for Aquarium, Medical research, Agriculture, Fish hatcheries, Laboratory, Water conditioning, Mining industrial, Schools & Colleges, Quality control.
- Oxygen probe for DOM2001

- ◆ 0 to 20.0mg/L
- ◆ 32° to 50°F (0° to 50°C)
- Includes:
  - DO probe filling electrolyte
  - DO probe head diaphragm set

| UPC     | NO.     |
|---------|---------|
| 41439 2 | DOP2001 |



CTOP2001

**CONDUCTIVITY/TDS REPLACEMENT PROBE FOR DCT2001, DCM22CT, DCM4300**

- ATC & Variable temperature compensation
- Conductivity / TDS

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

| UPC     | NO.      |
|---------|----------|
| 41442 2 | CTOP2001 |

## FEATURES

## SPECIFICATIONS

### POCKET pH METER

Ideal for cooling towers.

- Digital display
- Pocket sized
- Automatic temperature compensation
- Lightweight

- ◆ Electrode extends to 3.15"
- ◆ pH range: 0.0 to 14.0 pH
- ◆ Size: 6.2" x 1.5" x 1.3"
- ◆ Weight: 4 oz.
- Includes:
  - 1 "9V" battery
  - Hard carrying case
  - Calibration solution
  - Calibration screwdriver

| UPC     | NO.   |
|---------|-------|
| 41350 0 | PH501 |



PH501

### 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

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

| UPC     | NO.     |
|---------|---------|
| 01235 2 | DPH7011 |



DPH7011

### 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 or °C temperature display
- Replaceable pH electrode
- Data hold
- Durable waterproof housing
- Auto power off; low battery indicator
- Replaceable probe

- ◆ 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"
- ◆ Weight: 2.4 oz.
- Includes:
  - 2 "CR2032" batteries
  - Soft carrying case

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



DPH8690

### 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
- RS232 Output

- ◆ pH: 0 to 14.00 pH, +/-1999 mV
- ◆ pH calibration
- ◆ Size: 195 x 68 x 30 mm

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



DPH208R

### FEATURES

### SPECIFICATIONS



EC506

#### POCKET EC METER

Substrate analysis and nutrient concentration.

- Digital display
- Pocket-sized
- Automatic temperature compensation
- Lightweight

- ◆ Electrode extends to 3.15"
- ◆ Range: 0.0 to 20.0 EC
- ◆ Size: 6.2" x 1.5" x 1.3"
- ◆ Weight: 4 oz.
- Includes:
  - 1 "9V" battery
  - Hard carrying case
  - Calibration solution
  - Calibration screwdriver

| UPC     | NO.   |
|---------|-------|
| 41415 6 | EC506 |



CO502

#### CONDUCTIVITY METER

Ideal for field checks of water-based solutions.

- Digital display
- Automatic temperature compensation
- Pocket-sized
- Lightweight

- ◆ Electrode extends to 3.15"
- ◆ Conductivity range: 10 to 9,990  $\mu\text{s}/\text{cm}$
- ◆ Size: 6.2" x 1.5" x 1.3"
- ◆ Weight: 4 oz.
- Includes:
  - 1 "9V" battery
  - Hard carrying case
  - Calibration solution
  - Calibration screwdriver

| UPC     | NO.   |
|---------|-------|
| 41400 2 | CO502 |



TDS503

#### POCKET TDS METER

Water treatment plants and industrial pollution control.

- Digital display
- Pocket-sized
- Automatic temperature compensation
- Lightweight

- ◆ Range: 10 to 9990 ppm
- ◆ Electrode extends to 3.15"
- ◆ Size: 6.2" x 1.5" x 1.3"
- ◆ Weight: 4 oz.
- Includes:
  - 1 "9V" battery
  - Hard carrying case
  - Calibration solution
  - Calibration screwdriver

| UPC     | NO.    |
|---------|--------|
| 41410 1 | TDS503 |



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

- ◆ Conductivity: 0 to 2000  $\mu\text{s}$
- ◆ TDS: 0 to 1300 ppm
- ◆ Salinity: 0 to 1000 ppm
- ◆ Temperature: 32° to 194°F (0° to 90°C)
- ◆ Size: 7.7" x 1.6" x 1.4" (195 x 40 x 36mm)
- ◆ Weight: 4.8 oz. (135g)
- ◆ Standard Solution 1413  $\mu\text{s}/\text{cm}$
- Includes:
  - 4 "AAA" batteries
  - Blow mold case

| UPC     | NO.     |
|---------|---------|
| 01254 3 | DCM7021 |



# Conductivity/Combination Sets

## FEATURES

## SPECIFICATIONS

### COMBINATION pH/ORP/CONDUCTIVITY DATA LOGGING METER W/RS232, TEMP & PH PROBES

Monitors changes in solutions.

- Fast and easy pH measurement
- Dual LCD display shows pH/C & F or mV/C & F simultaneously
- Single record 99 point, continuity record 99 point MAX 4500 data
- Auto data hold function
- RS232 interface & software
- Auto power off
- Data Logging

- ◆ Range: pH: 0~14pH; mV: 0~1999mV
- ◆ Temp: 0° to 100°C (32° to 200°F)
- ◆ Resolution: pH: 0.001pH; mV: 0.1mV
- ◆ Temp: 0.1°C; 0.1°F
- ◆ Accuracy: pH: +/- 0.002pH mV: +/-0.2mV
- ◆ Temp: 0.9°F (0.5°C)

- Includes:
- 6 "AA" batteries
  - Buffer solutions
  - Temp & pH probes
  - Software
  - Cable
  - Blow mold case
  - Tip moistener

| UPC     | NO.       |
|---------|-----------|
| 41307 4 | DPH01380K |



DPH01380K

### 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

- ◆ pH: -2 to 16
- ◆ ORP: -1000 to 1000
- ◆ Conductivity: 0 to 2000  $\mu$ S
- ◆ TDS: 0 to 1300 ppm
- ◆ Salinity: 0 to 1000 ppm
- ◆ Temperature: 32° to 194°F (0° to 90°C)
- ◆ Size: 7.7" x 1.6" x 1.4" (195 x 40 x 36mm)
- ◆ Weight: 4.8 oz. (135g) Kit : 27.5oz (780g)

- Includes:
- 6 "AAA" batteries
  - Standard Solution 1413us/cm
  - Soaking Solution
  - Buffer Solutions pH 4 & 7
  - Blow mold case

| UPC     | NO.    |
|---------|--------|
| 01248 2 | WK7200 |



WK7200

## ACCESSORIES

### SOFTWARE & CABLE KITS

**DLSFT KIT** DOWNLOAD SOFTWARE & CABLE FOR: DTH3009DL; DAF2005MDL; HWA2005DL

**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; WDCFM8912; DM8205, DM8215, DM8230, DM8200, DM8252, DM8252RS



## FEATURES

## SPECIFICATIONS

### WATER PURITY TESTER

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

- Check the purity of water (water conductivity)
- Measure the conductivity value (ranging from 0 - 2000 uS)
- Pocket size, separate probe
- Easy to carry and operate

- ◆ Display: 13 mm (0.7") LCD, 3 1/2 d
- ◆ Measurement: 0 to 1999 uS (micro Simens)
- ◆ Resolution: 1uS
- ◆ Accuracy: ± (4% + 3d), (23± 5°C)
- ◆ Temperature Compensation 32° to 122°F (0° to 50°C)
- ◆ Operating Humidity Max. 80% RH
- ◆ Power Consumption Approx. DC 5mA
- ◆ Weight Approx. 7.8 oz (220g) (including battery & probe)
- ◆ Dimensions: Main instrument: 5.2 x 2.8 x 1.0 inch (131 x 70 x 25 mm)  
Sensor probe: Round, 22 mm Dia., 120 mm length
- ◆ Power source: 1 "9V" battery (not included)

Includes: • Sensor probe

| UPC     | NO.   |
|---------|-------|
| 41470 5 | WA300 |



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
- Check the condition of water filter
- Measurement: 0-1999uS
- Easy Operation
- Hold, Record (Min/Max)
- IP-65 Water resistance
- Heavy-duty

| UPC     | NO.    |
|---------|--------|
| 01243 7 | PWM301 |



PWM301



### WATER PURITY TESTER

Checks water filter life and drinking water quality .

- Identifies the quality of drinking water within three seconds
- Tests the degree of secondary pollution in the water dispenser
- Tests the degree of pollution on secondary water supply
- Tests the irons, bacterium and toxic elements in the water quickly
- Waterproof to 9.5 ft (3 m)

- ◆ Operating Environment: 41° to 122°F (5° to 50°C) @ less than 95%RH
- ◆ Dimensions: 5.7" x .9" x .7" (144 x 22 x 18mm)
- ◆ Weight: 0.9oz (24g)

| UPC     | NO.    |
|---------|--------|
| 40100 2 | WPT100 |



WPT100



### ANALOG SPA & POOL pH/ CHLORINE TESTER

Checks chlorine and pH levels for pool and spa.

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

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

| UPC     | NO.      |
|---------|----------|
| 12101 4 | CPH12101 |



CPH12101

