One Year Limited Warranty

Taylor warrants this product to be free from defects in material or workmanship for one (1) year from date of original purchase. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and/or repair. If service is required, do not return to retailer. For service, call between 7:30 AM and 4:30 PM, Mountain Standard time, Monday through Friday. To assist us in serving you, please have the Model number and date of purchase available. Should this product require service (or replacement at our option) please pack the item carefully and return it prepaid, along with store receipt showing date of purchase and a note explaining reason for return to:

TAYLOR. PRECISION PRODUCTS

2220 Entrada Del Sol
Las Cruces, New Mexico 88001
Customer Service Phone: 1-800-968-1041
Customer Service Fax: 1-828-684-5042
www.taylorusa.com

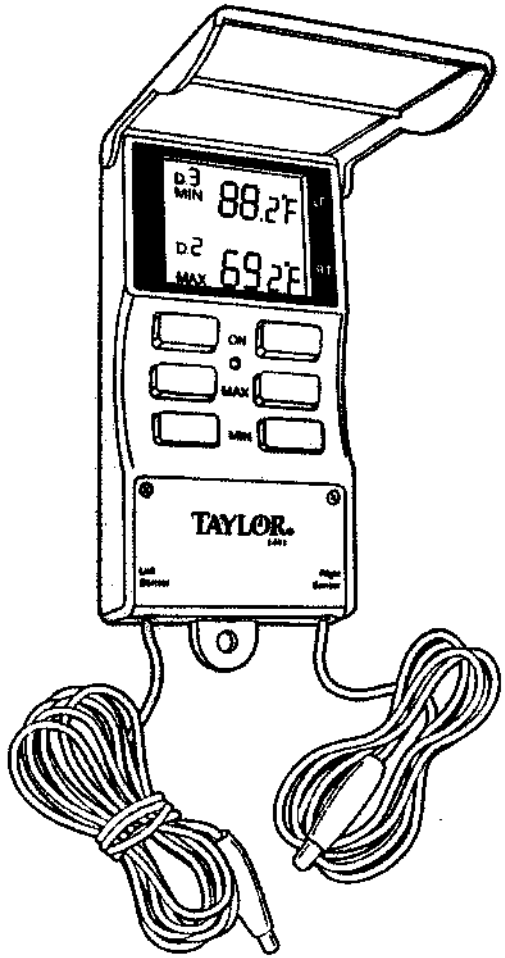
There are no expressed warranties except as listed above. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Made to our exact specifications in China.

TAYLOR **MODEL 1441**

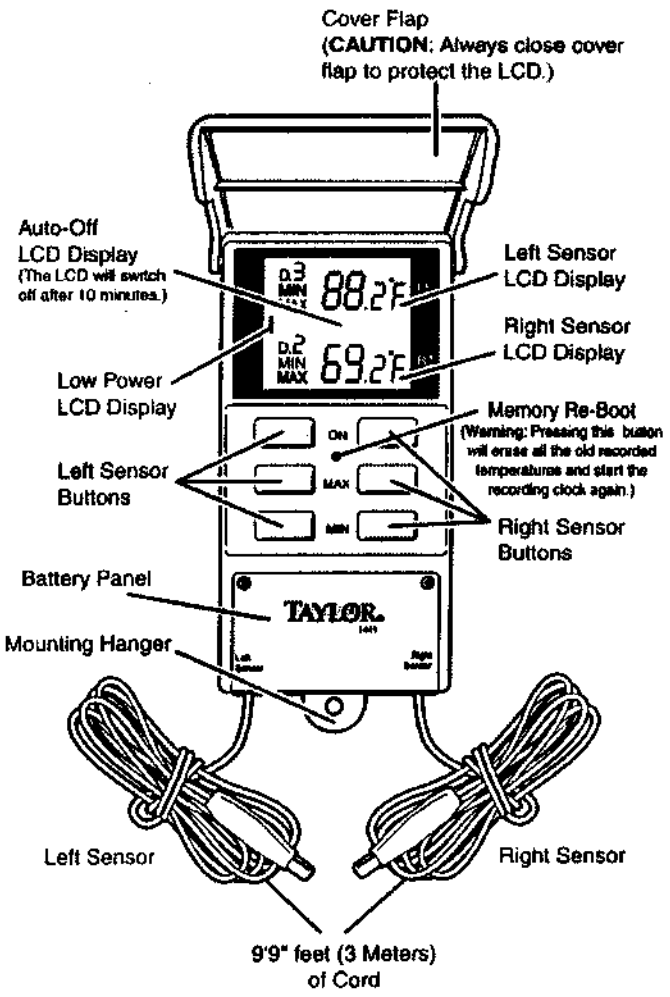
Digital Waterproof Max/Min Thermometer

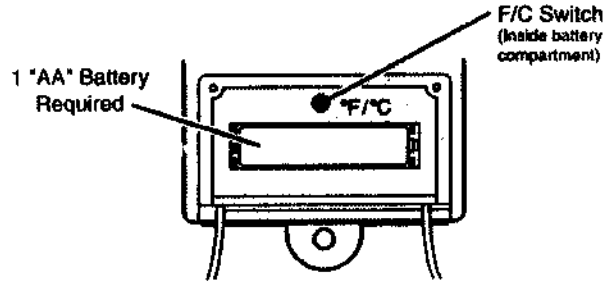
Precision Performance Since 1851



Instruction Manual

Description of parts





Congratulations on your purchase of the Taylor 1441 Digital Max/Min Temperature Recording Thermometer. Your Thermometer is an example of superior design and craftsmanship. Please read this instruction manual carefully before use. Keep these instructions handy for future reference.

General Design Characteristics

This thermometer is designed to read the temperature from two different probes on 9'9" (3-meter) cables. It records the minimum and maximum temperatures for the current 24 hour period and for six previous periods. The advanced microprocessor circuit allows the thermometer to collect temperature data while the display is turned off. This saves battery life and only operates the LCD display during the time it is needed to read the temperature and recall any min/max data.

Features

- Water resistant housing to allow use out doors.
- Cover to preserve the LCD display from effects of prolonged exposure to sunlight. (For indoor use the cover may be removed.)
- Measurement range -40/120°F; -40/50°C.
- Accuracy +/- 1.8°F or +/- 1°C. Repeatability of readings will be better than 1/2 accuracy tolerance.
- Low battery indicator on LCD.
- Selectable °C or °F scale with resolution of 0.1°F or °C.
- Dual channels, separate and independent temperature measurement readings for each probe.
- Reset button to re-boot microprocessor and sequence start time of min/max periods.
- Auto-off display to save battery eliminates need to turn unit off after readings.
- ON button for each sensor to read thermometer.

Features (continued)

- AA size alkaline battery (will accept Lithium AA battery for longer life between battery changes or for recording in very low temperatures).

General Operation

1. Remove battery cover, install AA size battery. Select °F or °C scale by pushing the button located in the center just above the battery. Each push changes the scale from °C to °F or back to °C.
   NOTE: Be sure to replace battery cover correctly with gasket in place in order to maintain watertight integrity.
2. Press the ON button to turn the display on, one button for each channel/sensor. The LCD display will initially show the current temperature as measured by the thermistor sensor at the end of the cord for each channel. Pressing the ON button for 2 seconds will turn off the display for the selected sensor.
3. If it is desirable to sequence the 24 hour time periods for collecting the min/max temperatures, the small memory re-boot button (located in the center of the keypad) can be pressed at any time. This will restart the microprocessor chip and start the memory at the selected time. (You will notice the display shows all the LCD segments and then returns to the current temperature when re-booting the thermometer) Restarting the microprocessor erases all prior min/max temperature data and clears the memory.
4. To view minimum temperature or maximum temperature for current period or for previous six 24 hour periods, press the MIN or MAX button for each channel. The first reading will be for the current period (up to 24 hours from start-up or re-boot). Pushing the MIN or MAX button a second time will give the minimum or maximum reading for the prior 24-hour period and show D1. Push it again and it shows the temperatures for the period before D1 as D2, and for each period back to D6.

General Operation (continued)

NOTE: You must wait after a re-boot or initial start for the periods to accumulate up to 6 prior periods. Until that time pushing the MIN or MAX button will return the temperature to current temperature readings.)

5. It is unnecessary to turn off the display after taking a reading. The unit will turn off by itself in ten minutes. **When the display on the thermometer turns off, the thermometer will keep collecting temperature data for future readings and no further action is necessary.**
6. After 6 periods prior to the current period, the recorded minimum or maximum readings will be dropped from the memory. The minimum or maximum temperature for each period will move from D1 to D2 to D3, etc.
7. Always close the cover flap to preserve LCD display. It will fade if left exposed to sunlight for long periods of time. This cover also aids in keeping moisture off LCD and keypads.

Caution

- Operating environment for thermometer body is -4/120°F or -20/50°C. To function at the low limit, use a lithium AA battery.