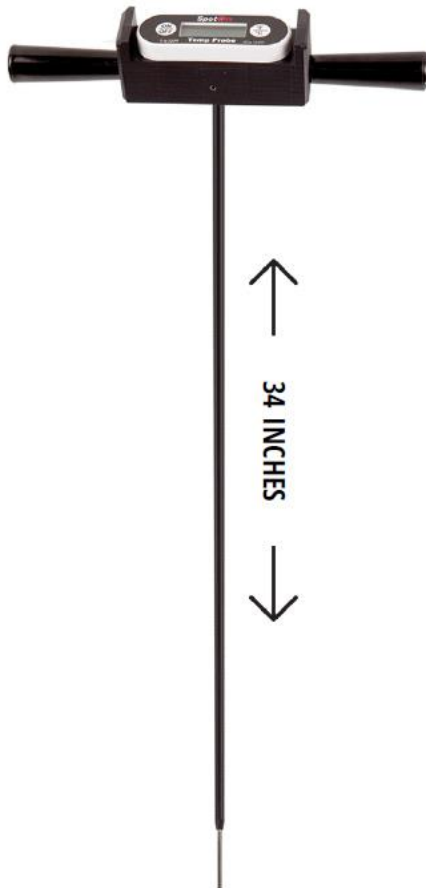




Turf-Tec Spot On Digital Soil Thermometer Model DT3-S - Instructions



Take some of the guesswork out of turfgrass management by using the Turf-Tec Spot On Digital Soil Thermometer. Check temperature in thatch, mat, and the soil rootzone. Avoid scald and loss of turf when conditions are favorable for high moisture and temperature. Check soil temperature for effective overseeding. This specially designed instrument for turfgrass areas has many features. It can stand upright when inserted into the turf for accurate readings. It is extremely rugged, and the height of the Turf-Tec Spot on Digital Soil Thermometer read out scale is three feet above the turf for easy reading. All of these features combine to make this soil thermometer accurate, durable and easy to use.

This 34-inch-long probe can also check temperatures deep inside compost piles, hay bales and similar media.



Specifications

- Overall Probe Length: 34in (86cm)
- Thermometer Probe Length: 4in (10cm)
- Range: 0.0 to 200.0 °F (-18.0 to 104.0 °C)
- Resolution: 0.1 °
- Accuracy: +/- 1.5 °F (0.8 °C)
- Waterproof: IP66/67 rating
- Overall Size – Inch: 36in L x 9.5in W x 1.25in D

- Overall Size – cm: (91cm L x 24cm W x 3.2cm D)
- Weight: 0.75 lbs (0.35 kg)
- Battery: Battery included
- One Year Limited Warranty

<u>Detect</u>	<u>Monitor</u>
<ul style="list-style-type: none"> • Hot spots • Dry spots • Wet wilt • Syringing requirements • Scald • The rapid decomposition of thatch • Best seed germination temperature • Best overseeding temperature 	<ul style="list-style-type: none"> • Monitoring temperature on golf greens • Wet wilt • Scald • Thatch • Air • Soil • Dry spots • Diseases • Syringing needs



Instructions - Turf-Tec Spot On Digital Soil Thermometer

When taking soil temperatures correlate them with air temperatures. NOTE: Public weather temperatures no radio, TV and newspapers are all based on the prevailing temperature FEET ABOVE THE GROUND, and it is usually taken at local airports. These temperature readings have little significance turfgrass area such as golf greens or sports fields. Take the air temperature about three feet above the turf and take a note of this. Next take three temperature readings in the turf.

FIRST: Take a reading at the one inch level. (Usually in the thatch.)

SECOND: Take your next reading at the two inch level.

THIRD: The final reading should be taken at the three inch level.

Take temperatures at midday when solar radiation is most intense. Learn to correlate all three readings. If air and soil temperature is high syringing should be done immediately. Generally speaking, Bentgrass grows best at temperatures between 75 and 80 degrees Fahrenheit. Bermudagrass grows best at 95 to 100 degrees Fahrenheit. Sudden higher soil temperatures should be a warning that thatch may be decomposing rapidly or that dry spots are developing. Corrective actions should be taken immediately. If problems persist, the problems may be basic. These include compaction, layers, thatch, infiltration, drainage or nutrition problems. Unless the basic problems are isolated and corrected, constant vigilance is required to keep the grass from dying.

Safety Info

Use caution when probing into soil to avoid hitting buried electrical wires or other utilities.

Use caution when handling and transporting the temp probe since its small diameter metal tip could cause puncture damage to packaging, containers, or personal. This meter uses low voltage and is not an electrical shock hazard.

Temp Probe Diagram

Splash Proof
Digital Display



← 34" Fiberglass Probe

Stainless Steel Tip →

Taking a Reading

Turn on the SpotOn Temp Probe by pressing the **On/Off** button. Wait until the ambient temp is displayed. Change units if desired by pressing the ***C/*F** button. Insert the probe into the material to be tested. Wait till the temperature stabilizes and record the stable reading. (Usually within 10 seconds)



Battery Replacement



To change the battery:

1. Remove two screws from the underside of Temp Probe body.
2. Replace with LR44 Button type or equivalent.
3. Once a new battery is placed into position with the positive end of the battery facing up (as pictured). Next place the screen back onto the body taking care to coil excess wire into the cavity provided.
Note: The battery will nest into Temp probe body.
4. Replace both screws from underside of the body. **Do not over tighten screws;** damage can occur to the unit if over tightened.

LIMITED WARRANTY OF TURF-TEC INTERNATIONAL PRODUCTS

Turfgrass Products Corporation - dba - Turf-Tec International ("Seller") warrants to the final purchaser, that all Turf-Tec International tools will be free from defects in material or workmanship for a period of one year from date of purchase. SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or improperly repaired by persons other than Turf-Tec International. To make a claim under this Limited Warranty, you must return the complete tool, transportation prepaid, to Turf-Tec International after contacting Turf-Tec International and receiving a return authorization number. Please include a dated proof of purchase with your tool.

ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO ONE YEAR FROM DATE OF PURCHASE. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT.

Hold Harmless Agreement

The seller shall protect, defend, indemnify and hold the purchaser and their respective assigns and their attorneys, accountants, employees, officers and directors harmless from and against all losses, costs, liabilities, claims, damages and expenses of every kind and character, as incurred, resulting from or relating to or arising out of the inaccuracy of results, injury of user, injury of sports participant, turfgrass loss, warranty, covenant or any agreement made by the seller in this agreement.