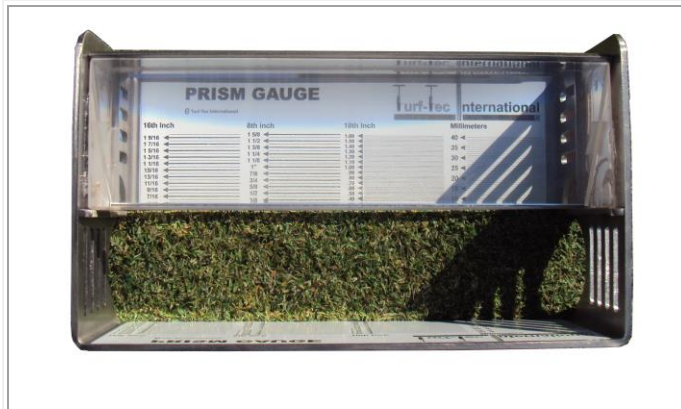
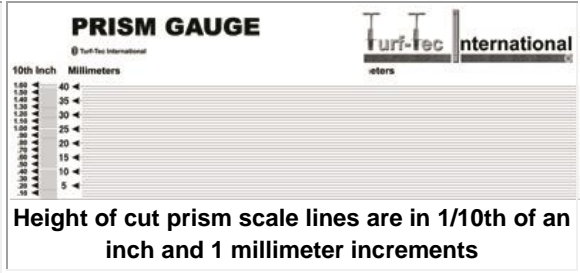


# Turf-Tec International

## Grass Height Prism Gauge - FIFA



The Grass Height Prism Gauge is made from solid glass and Stainless steel. It is designed to tell you the actual height of cut that the mower is making on the turfgrass area. By placing the specially designed prism directly on the golf green, tee, fairway or athletic field and looking through the instrument, you can determine the actual height of cut as well as the quality of cut and smoothness of the surface. The Grass Height Prism Gauge features graduated measurement lines printed on the stainless steel frame that are superimposed on the turf allowing you to measure the actual height of the turfgrass and compare it with mower bench settings.



The "quality" of cut may also be inspected by comparing the turf over the viewing plane of the prism. Graduated lines are inscribed at 1/10th of an inch and 1 mm intervals and measures grass up to 1 5/8 inches or 40 millimeters tall. The FIFA Model (HGPRISM-FIFA-G) now matches the new 2015 FIFA testing guidelines and shows 1 millimeter increments in a 175 mm length and a 140 mm height. Unit also has .010 increments for imperial reference. Grass Height Prism Gauge includes solid glass prism. Prism is 8 1/2 x 5 x 3 inches in size.

**Prism now sold in new protective hard case**  
**Case measures 12 x 10 x 4 Inch**

**Grass Height Prism Gauge includes solid glass prism mounted in secure stainless steel bracket with readings in millimeters and inches (.10 to - 1.60 inch) and (1 mm - 40 mm)**

## HGPRISM-FIFA-G - Turf-Tec Height of Cut Prism Gauge with case - FIFA Compliant



## Grass Height Prism Gauge

### Specifications

Solid Glass Optics

Stainless Steel Frame

Measurements on scale are 1/10th of an inch and 1 millimeter increments

Maximum measuring height scale is 1 5/8 inches or 40 mm

Prism Measures: 8 1/2 x 4 7/8 x 2 3/4 inch (215 x 125 x 70 mm)

Shows 1 millimeter increments in a 175 mm length and a 140 mm height

Unit also has .010 increments for imperial reference

Prism Weight: 4 lbs 4.1 oz (1936 g)

Case measures 10 x 6 x 4 inches (25 x 18 x 11 cm)

Prism and Case Weight: 5 3/4 lbs (2.6 kg)

### Height of Cut Prism Gauge Instructions

1. To use simply place unit on turfgrass area to be measured.
2. The weight of the unit will put the correct amount of pressure on the turf unless the turf has a thick layer of thatch or is extremely soft. If surface is extremely soft, press down slightly on unit until it sits firmly against the ground surface.
3. Look directly down at the unit at a 90 degree angle to see the exact height of cut.
4. One side of the scale shows measurements in inches and the other side shows millimeters.
5. You can also inspect the quality of cut by looking across the entire prism to be sure the turf is evenly cut.
6. Note: These prism readings show the exact height the mower is cutting. These may differ from bench settings as the mowers bench settings are based on measuring off a metal plate between the rollers on the cutting unit. Once the mower is on the turf and soil surface, the weight of the mower, cutting units and amount of thatch as well as soil moisture will directly impact the cutting height.
7. Infill depth can also be measured of artificial turf in the same manner to check for uniformity of infill topdressing.



### Synthetic Turf

To measure the pile height of synthetic turf, first measure the fiber length from the backing to the top of the infill with an infill depth gauge. Next, place the prism in the same area as tested with the infill depth gauge, read the height of the synthetic turf fibers from the top of the infill to the top of the synthetic turf fibers. Add these two numbers together for total fiber length.

#### 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.