

### Initial Setup of D25 NC

- 1) Connect AC power and turn on power using switch on back of turntable
- 2) Standardize the sensor

The sequence of screenshots for sensor standardization is as follows:

- Screenshot 1:** D25NC menu with 'STANDARDIZE' selected. A 'MEASURE' button is at the bottom right.
- Screenshot 2:** 'Standardization' screen with the instruction 'Confirm the white and green tile values.' and a table of coordinates:

X	81.38	13.88
Y	86.33	19.36
Z	91.83	14.51

A 'BACK NEXT' button is at the bottom.
- Screenshot 3:** 'Standardization' screen with the instruction 'Place black glass at port.' and a 'GO' button at the bottom right.
- Screenshot 4:** 'Standardization' screen with the instruction 'Place white tile at port.' and a 'GO' button at the bottom right.
- Screenshot 5:** 'Standardization' screen with the instruction 'Place the green tile at the port.' and a 'GO' button at the bottom right.
- Screenshot 6:** 'Standardization' screen showing the final result:

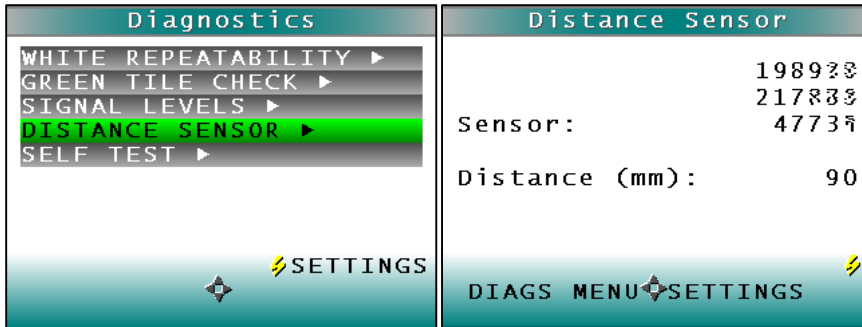
dX	0.01	<b>PASS</b>
dY	-0.04	( $\leq 0.30$ )
dZ	-0.01	

A 'Final Result' label is highlighted in blue. A 'BACK MAIN MENU' button is at the bottom.

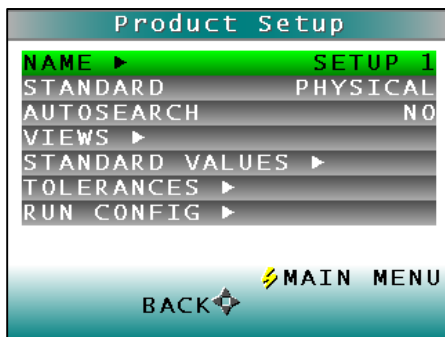
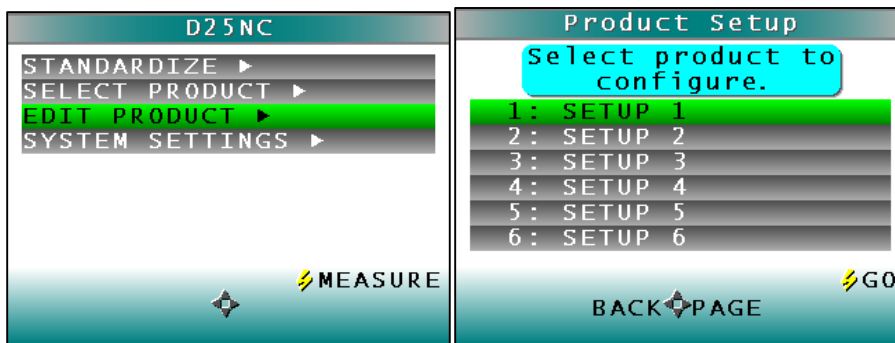
- 3) Place Product in Tray on Turntable. Raise/Lower sensor height until Distance Sensor reads about 90 mm.

The sequence of screenshots for navigating to the diagnostics menu is as follows:

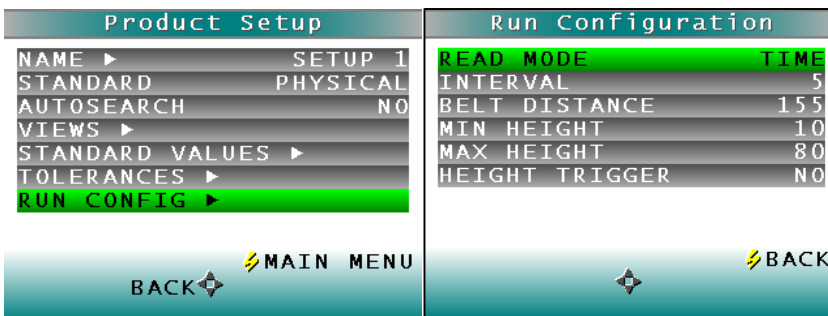
- Screenshot 1:** D25NC menu with 'SYSTEM SETTINGS' selected. A 'MEASURE' button is at the bottom right.
- Screenshot 2:** 'Settings' menu with 'DIAGNOSTICS' selected. A 'GO' button is at the bottom right.



- 4) Remove Tray and Record Distance without Product as in Step 3. This will be your belt distance.
- 5) Edit Product settings for desired output on screen



- 6) Configure Parameters for Sampling



Read Mode:

Time = Average Readings for Selected Time Interval. (5 seconds = 1 Revolution of Turntable)

Piece Mode = Average Readings over entire Individual Piece. Note sample must be under sensor for a minimum of 1 second.

Interval:

Set the number of seconds for Time Mode. (Each rotation is 5 seconds).

Belt Distance: Distance from Sensor Window to Bottom of Tray as determined by Distance Sensor

Min Height = Minimum Product Thickness to Measure (Typically ½ total product thickness)

Max Height = Maximum Product Thickness to Measure ( Typically Belt Distance – 65 mm)

Height Trigger:

No = Sensor flashes regardless of Min/Max Height Settings. Out of range measurements discarded in average

Yes = Sensor only flashes when Product is within the Min/Max Settings. Out of range measurements discarded in average.

7) Repeat steps 3-6 for additional Product Setups.

8) Select Product to Measure from Configured Setups.

