

Presenting...
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D25LT Colorimeter

The Large Area View Color Measurement System



- ◆ Ideal for measuring the color of coarse and non-homogenous samples
- ◆ Large touch screen display
- ◆ Convenient sample positioning devices
- ◆ Self-contained system
- ◆ Available with sample port facing down or up
- ◆ Built-in printer for hard copy
- ◆ Data output to network and PC
- ◆ Designed for industrial environments



HunterLab

Measure Color...Measure Quality

ISO 9001:2000 Certified

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D25LT Colorimeter

Large area view colorimeter

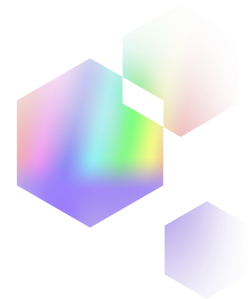
The D25LT colorimeter's large viewing area is optimized for measuring the color of coarse, non-homogeneous and irregularly shaped products. It can be used in the food industry to measure samples such as cookies, crackers, chips, beans, spices, pasta and soups or in other industries to measure products such as ceiling tile, carpet, ceramic tile, chemicals and minerals.

Measurement Versatility

The D25LT is a self-contained instrument which saves precious bench space. The one piece instrument includes a large, color LCD touch screen for clear viewing of color measurement data as well as entry of parameter selections. An alphanumeric keypad displayed on the touch screen simplifies sample ID and data entry. The system is network and PC compatible and its built-in printer provides a hard copy of results.

The sample measurement port of the optical sensor can be oriented so that it is facing up, to measure samples such as soup through the clear bottom of the sample cup. Or the port can be oriented facing down, so that samples such as chips can be measured through the open top of the cup.

System Features



- **Sensor Geometry:** 45° circumferential illumination and 0° viewing
- **Measuring Area:** 3.75 inch (9.5 cm)
- **Observer Function:** 2° standard observer
- **Illuminant:** Illuminant C
- **Light Source:** Continuous tungsten halogen lamp
- **Display:** 10.4 inch (26.4 cm) color LCD with touch screen
- **Data and Function Input:** LCD touch screen
- **Hard Copy Data:** Built-in thermal printer
- **Data Connection:** USB and Ethernet
- **Data Storage:** Thousands of standards and samples
- **Statistics:** Average, standard deviation, maximum, minimum, range
- **Color Scales:** CIE L*a*b*, Hunter Lab, CIE LCh, R_{dab}, CIE Yxy, CIE XYZ
- **Color Difference Scales:** $\Delta L^*a^*b^*$, ΔLab , ΔLCh , ΔR_{dab} , ΔYxy , ΔXYZ
- **Color Difference Indices:** ΔE^* , ΔE , ΔC , ΔE_{CMC} , ΔC^*
- **Indices and Metrics:** E313 Whiteness, E313 Yellowness, D1925 Yellowness, Z% Brightness
- **Tolerances:** User entered tolerances for color scales and indices, CMC automatic tolerancing, Pass/Fail displayed based on tolerances

For more information, please contact HunterLab at 703-471-6870, sales@hunterlab.com or visit www.hunterlab.com