

NEW!

D25[®] LT Colorimeter

#1

Choice for the Snack Food Industry

**Faster
Processor
Speeds**



**Increased
Productivity**

Retrofit Upgrades to existing instruments Available

- Ideal for measuring the color of coarse and non-homogenous samples
- Available with sample port facing down or up
- Largest area of view available, 9.5 cm
- Improved connectivity for peripherals
- Convenient sample positioning devices
- Data output to network and PC
- Self-contained system
- Designed for industrial environments



ISO 9001 Certified

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D25[®] LT Colorimeter

Large area view

The most popular choice for color measurement by the snack food manufacturers, the D25LT has a 9.5 cm area of view, the largest commercially available. Optimized for measuring the color of coarse, non-homogenous, and other-wise irregularly shaped products, the D25LT is your right choice for measuring cookies, crackers, chips, beans, pasta, and even soup. Manufacturers in other industries also measure products such as plastic pellets, ceiling tile, carpet, chemicals and minerals.

Faster

Simply stated, what faster processor speeds means for you is both increased productivity and thru-put. While enhancing the electronic design of the D25LT, HunterLab engineers retained the same easy-to-use software interface, eliminating the need to re-train operators.

Improved Connectivity

The D25LT, while remaining self-contained, offers additional USB 2.0 ports, as well as, improved flexibility connecting with various data drives and other peripherals. This feature allows for more efficient integration of the D25LT into your quality control system.

Sample Port Configuration

The D25LT can be ordered in either port up or port down configurations, whichever optimizes measurement of your product samples.

Retrofit Upgrade Kits Available

Already own a D25LT? HunterLab is offering retrofit upgrade kits to enhance the performance of your instrument. These enhancements can extend the life of your instrument by 5+ years. Available through your local HunterLab representative, your D25LT can be retrofitted at a factory service center or at your location by certified HunterLab service technicians.

Important Specifications

- **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 , $\Delta R_{d}ab$, 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