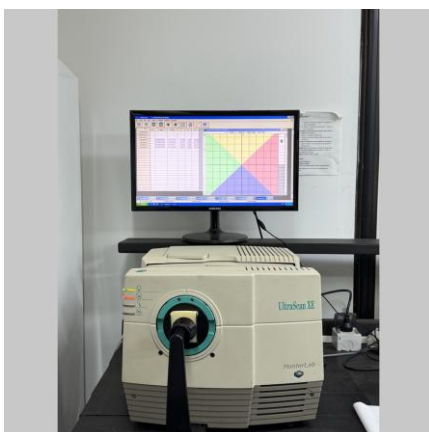




#5005

Colorimeter (HunterLab, UltraScan XE)

DESCRIPTION

Dual-beam spectrophotometric instrument with integrating sphere for accurate measurement of color and optical properties in solids, liquids, powders, and semi-solid materials. Performs reflectance and transmittance measurements, complying with international color evaluation standards.

MAIN FEATURES

- Light source: pulsed xenon lamp; detection: 40-element photodiode array
- Measurement modes: RSIN, RSEX, TTRAN, and RTRAN
- Illuminants: D65, C, and A; standard observers: 2° and 10°
- Software: Universal Software® v2.5; RS-232 interface
- Parameters: CIE Lab*, whiteness, yellowness index, transmittance, turbidity, opacity

MAIN APPLICATIONS

- Color quality control in food, plastics, paper, paints, cosmetics, and pharma
- Color, turbidity, and opacity in liquids such as juices, oils, and extracts
- Evaluation of pigments, flours, and powdered materials; comparison against standards

ASSOCIATED CAPABILITIES AND SERVICE

2003 - 2002 - 2004 - 3002

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