

Automated Colorimeter for Saybolt and ASTM Color

test method

ASTM Color: For the visual determination of the color of a wide variety of petroleum products, such as lubricating oils, heating oils, diesel fuel oils, and petroleum waxes.

Saybolt Color: Determines the color of refined oils such as undyed motor and aviation gasoline, jet propulsion fuels, naphthas and kerosene, and, in addition, petroleum waxes and pharmaceutical white oils.



K13150 Automated Colorimeter

Saybolt and Mineral Oil Colorimeter

- Conforms to ASTM D156, D1500, D6045, and related test specifications
- Designed for color measurement of waxes and other petroleum products

High precision spectrophotometer for objective color analysis of petroleum fuels, oils, waxes and petrochemicals according to the Saybolt and ASTM Color scales. Test results can also be displayed in terms of CIE values and spectral data. The colorimeter is rugged with a fabricated steel housing which is designed to function equally as a QC instrument within the laboratory or on 24-hour operation in a production environment. A diagnostic test routine allows users to conduct periodic checks on the instrument or to identify faults. Direct access of the precision filament lamp from outside the instrument allows for easy replacement. The colorimeter is also supplied with a colored glass filter of known Saybolt value for regular conformance testing. Equipped with integrated heater unit for melting solid samples such as fats and waxes and preventing from solidification within the cell during testing.

ordering information

catalog no.	description
K13150	Automatic Saybolt and ASTM Colorimeter 115-240V 50/60 Hz

Specifications

Conforms to the specifications of:

ASTM D156, D1500, D6045, E 308; JIS K2580; ISO 2049; NF M 07-003

Reproducibility: $\pm 0.25\%$ T, ± 1 Saybolt value

Spectral Range: 410-710 nm

Data Output: RS232/printer

Light Source: tungsten halogen lamp

Illuminant: CIE Illuminant C

Observer: 2°

Electrical Requirements:

115-240V 50/60Hz

Dimensions lwxh,in.(cm)

7.7x20.3x6.7 (19.5x51.5x17)

Net Weight: 17 lbs (7.75kg)

Shipping Information

Shipping Weight: 23 lbs (10.5kg)