

Petroleum Product Color Tester

This petroleum product color tester determines the color of various lubricating oils and other petroleum products. It fills a test sample into a color comparing tube and compares the sample color with a standard color to ascertain its color number.



Overview

Precision Color Analysis for Petroleum Products

The Petroleum Product Color Tester is a specialized instrument designed for the precise determination of color in various petroleum products, including oils, fuels, and lubricants. It utilizes a standardized optical system and light source to ensure accurate, repeatable measurements essential for quality control and research laboratories. This device facilitates consistent assessment of product quality, stability, and potential contamination in petroleum refineries and testing institutions.

Technical Specifications

Color Comparing Tube Dimensions

32 mm

Diameter

125 mm

Height (Avg)

Light Source Voltage	220 V
Light Source Power	100 W
Color Temperature	2750 K
Color Scale Range	1 to 25

Design & Components

Core Components

- Standard color dial
- Observation lens
- Light source
- Color comparing tube
- Reflection mirror
- Prism

Color Dial Capacity	26 holes
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