

ASTM Color of Petroleum Products by Automatic Portable Colorimeter

test method

The ASTM color of petroleum products applies to products having an ASTM color of 0.5 or darker, including lubricating oils, heating oils and diesel fuel oils. (For products having an ASTM color lighter than 0.5, use the Saybolt Chromometer.) To determine ASTM color, the sample is compared against standard color discs in the Petroleum Colorimeter.

automatic petroleum colorimeter

The Automatic Portable Petroleum Colorimeter advances color measurement, enabling a smooth transition from Visual (subjective) to Electronic (objective) results. With this unit, color difference can now be viewed with on-screen color and on-screen numerical display.

Dual Ability to View Color Measurement

- On-screen color
- On-screen numerical display

Easy Transition from Visual to Electronic Measurements

Some color graders who are used to the traditional comparator series sometimes find the upgrade to an electronic system daunting. The assurance of relying on physical color difference is diminished. This transition has now been made easy with this unit.

Programmable Settings

Language*, date and time, and view preferences and project creation with individual tolerance settings can be easily set

On-Screen Warning System

Immediate reaction to results that might be out of tolerance is possible with immediate information on the sample.

- Within tolerance = green
- Outside tolerance = red
- On border of tolerance = amber

User Friendly Ergonomics and Intuitive Interface

Guaranteed to be up and running quickly and easily

Easy storage and sharing of results

Large data storage (> 20,000 readings) and USB connectivity ensures that results can be stored and easily shared

Single Scale Measurement

The unit provides an individual scale to measure ASTM Color (ASTM D1500, ASTM D 6045, ISO 2049, IP196)

ordering information

catalog no. description

K13410	Automatic Portable Petroleum Colorimeter 115V 60Hz
K13419	Automatic Portable Petroleum Colorimeter 220-240V 50/60Hz



K13410 Automatic Portable Petroleum Colorimeter

specifications

Conforms to the specifications of:

ASTM D1500, D6045, ISO 2049, IP 196

Electrical Requirements

- 115V 60Hz
- 220-240V 50/60Hz

Display

3.5 in; 320 x 240; 24bit True Color

Power Supply

- USB 2.0 Interface
- 4 AA Batteries
- UK, EU, or US Power Supply Plug

Languages for User Interface

English, Spanish, French, German, Italian, Russian, Chinese, Japanese

Dimensions (l x w x h) in (cm)

4.2 x 2.3 x 8.3 (10.6 x 5.7 x 21.0)

included accessories

- 33mm Glass Cells (2)
- 33mm Plastic Cells (2)
- Glass Reference Standards (2)
- Liquid Reference Standards (2)
- Power Supply
- USB Cable
- AA Batteries (4)