

COLORIMETER FOR PETROLEUM PRODUCTS



Colorimeter for Petroleum Products TT-1500

Colorimeter for Petroleum Products TT-1500 complies with the ASTM D1500 Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale).

Colorimeter for Petroleum Products TT-1500 facilitates the visual assessment of color for a diverse range of petroleum products, including lubricating oils, heating oils, diesel fuel oils, and petroleum waxes. Experimenters pour various samples of lubricating oil, kerosene, diesel, and other petroleum products into a colorimetric cylinder. They then compare the color of the samples with standard glass color pieces to determine the corresponding color number.

APPLICATIONS

The primary application of this colorimeter is for the visual determination of the color of a wide range of petroleum products, in compliance with the ASTM D1500 standard.

It is specifically used for assessing the color of:

- Lubricating oils
- Heating oils
- Diesel fuel oils
- Petroleum waxes
- Kerosene

FEATURES

- The standard color disk features 25 standard color numbers displayed on color sheet glass.

- The optical microscope is equipped with observation optical lenses and includes a focusing function.
- The standard illuminant utilizes an inside-frosted bulb as the light source.
- Manual adjustment is used for turning the standard color disk.
- It is easy to operate due to its rational construction and attractive appearance.

TECHNICAL SPECIFICATIONS

1. Rated voltage: AC220V $\pm$ 10%, 50Hz (110V also available)
2. Standard illuminant: 100W, Temperature: 2750K $\pm$ 50K
3. Standard color disk: No.1 to No.25
4. Colorimetric cylinder: Inner diameter 33 $\times$ 125 $\pm$ 5mm
5. Ambient requirement: Temperature: 10°C to 40°C; Humidity $\leq$ 85%



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