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## **Haze & Reflectance meter**

### **HR-100**



The HR-100 is designed to measure total light transmittance, diffuse light transmittance, and haze. It is ideally suited to make these measurements for light transmissible materials such as plastics, films, glass and liquid as well as light reflective materials with a high degree of specularly such as metals, coating and mirrors.

The HR-100 conforms to many national and international haze standards, including:

- ISO 14782 *Determination of haze for transparent materials*
- ISO 13468-1 *Determination of the total luminous transmittance of transparent materials*
- ASTM D1003 *Haze and Luminous Transmittance of Transparent Plastics* (D1003 is approximated)

**Applications**

- Measuring the total luminous transmittance and haze of plastics, glass, film and liquid
- Measuring the total reflectance and diffuse reflectance of plated surface and mirror.

**Specifications**

Optics	Conforms to ISO13468, JIS K7361, ISO14782&JIS K7136 Approximating to ASTM D1003&JIS K7105
Light source	Halogen Lamp 12V/50W      Lamp Life-2000hrs nominal
Integrating Sphere	200 mm dia. with BaSO4 (barium sulfate) coating
Receptor	Silicone Photodiode
Power Requirement	100V AC, 50/60Hz
Accuracy	±0.1%
Dimensions	L275×W720×H270 mm
Weight	Approx.27 kg

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