

MURAKAMI COLOR RESEARCH LABORATORY
3-11-3 Kachidoki, Chuo-Ku, Tokyo, 104-0054 Japan
TEL: +81-3-3532-3011 FAX: +81-3-3532-2056

Spectrophotometric Hazemeter

HSP-150Vis

HSP-150VIR



The HSP-150Vis and HSP-150VIR, with spectroscopic capability, are designed to measure transmittance and haze value per wavelength, as well as color value and yellowness.

The haze meters are set up in a vertical configuration, allowing the user to easily measure a wide range of the sample shapes and sizes.

Applications

· Highly functional film related to solar cells, automobiles, building materials, touch panels and LED. Assessment of Haze on Glass with wavelength dependence.

Specifications

Instrument Designation	HSP-Vis(For Visible area) /HSP-VIR(For From Visible to Near-Infrared)
Measuring object	Light transmissible materials such as plastics, films, glass and liquid
Sample size	Max 300×380mm
Specimen table size	L 380×W300mm
Height of Specimen space	Approx. 100mm
Integrating Sphere	150mm diameter with BaSO ₄ coating
Measuring Light flux	Incident port: 20mm dia. Light Flux: Dia.14mm
Light Source	Halogen Lamp Lamp Life 2000 hr nominal
Wavelength range for measurement	HSP-150Vis: 380 to 780 nm, HSP-VIR: 380 to 1600 nm
Wavelength interval for output	1, 5, 10, 20 and 50 nm interval
Measurement Item	Total light transmittance {T _t (τ _t)}, Diffuse transmittance {T _d (τ _d)} Haze(haze value) and Parallel light transmittance {T _p (τ _p)} Spectral Transmittance, Specifying color values
Optical System	Conforms to ISO14782, JIS K7136 for haze measurement ISO13468-1, JIS K 7361 for Total Transmittance

MURAKAMI COLOR RESEARCH LABORATORY
3-11-3 Kachidoki, Chuo-Ku, Tokyo, 104-0054 Japan
TEL: +81-3-3532-3011 FAX: +81-3-3532-2056

	JIS Z 8722 for Color measurement JIS K 7373 for Yellowness
Computer Interface	USB
Dimensions	L 400×W340×H555 mm
Weight	Approximately 24 kg
Power Requirement	100V AC, 50/60Hz
Power Consumption	Approx. 400VA

Note

These instruments, with a black curtain as attached per photo, are able to measure the center of the specimen with dimensions up to 450mm×450mm.



In the USA, contact:
Avian Technologies LLC
116 Newport Road, The Carriage House
New London, New Hampshire 03257-0092
Tel: (01) 603-526-2420 Fax: (01) 603-526-2729
info@aviantechnologies.com