

MURAKAMI COLOR RESEARCH LABORATORY
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ON-LINE HAZE MONITOR

HMS-3



The HMS-3 is designed to observe haze values for plastic fil sheet on a production line. Employing a double beam optical system, stable and continuous observation is available.

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Specifications

Measurement	1-point measurement & up to 3-point measurement at option.
Spectral Characteristics	Approximating to the illuminant D65 and spectral luminous efficiency for the CIE standard photometric observer.
Measurement range	0 to 50% for haze measurement
Repeatability	Within 0.1% SD(Standard plate H20 measured 30 times) average haze value
Stability	Within $\pm 0.1\%$ SD (standard plate H20 measured for 1 hour)
Measurement cycle	3-point measurement per second
Production report	Graph on haze is shown on LCD display and can be printed out.
Alarm	When the upper or lower limit of Haze value is beyond the tolerance, alarm signal is given. PC expansion board (option)
Analog output	4 to 20mA(3CH) optional
Light source	Halogen lamp 12V/100W Life: 2,000hrs nominal.
Receptor	Silicon photodiode
Power Requirement	100V $\pm 5V$ AC, 50/60 Hz It is recommended that the instrument power split from motor circuit is used.
Power Consumption	Approx.150W
Communication cable	Optical fiber cable or cable & wire
Conveyance speed of Film	Max 100 m/min.

In the USA, contact:
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