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## Haze-Gard i

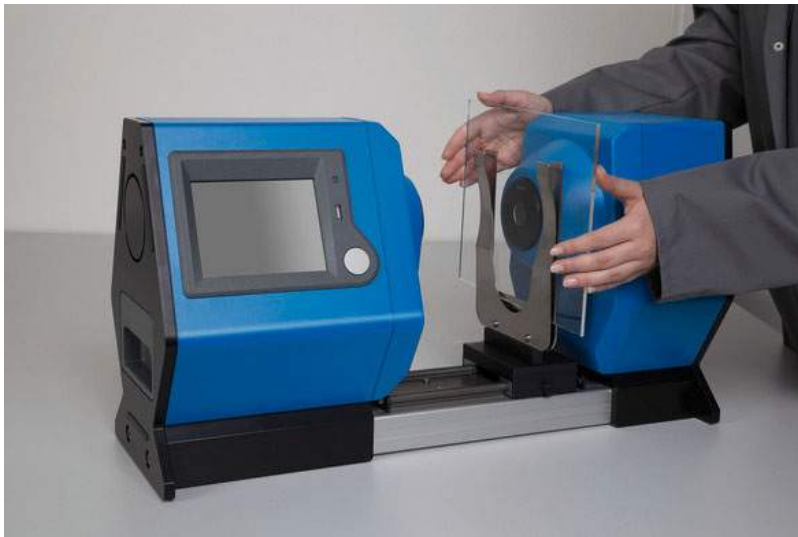


The Haze-Gard i, a cutting-edge haze meter designed to revolutionize transparency measurement across multiple industries. Engineered with precision and reliability in mind, this device sets the standard for assessing transparency in materials such as glass, plastic, film, and packaging.

## APPLICATIONS

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### Haze-Gard i



### Haze meter according to ASTM D1003 and ISO standards

Achieve complete transparency control with just one reading:

- Total transmittance
- Transmission haze
- Clarity

## FEATURES

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### Haze-Gard i Features

The transparency of a product is influenced by how light is absorbed and scattered by the material. Visually, transparency is described through two main factors: Haze and Clarity. The exceptional precision and reliability of the haze-gard i, along with its user-friendly design, have established it as the standard for measuring transparency in industries such as glass, plastic, film, and packaging.

#### Key features include:

- Simultaneous measurement of haze and transmission following ASTM D1003 (using illuminants C and A, non-compensated method) and ISO 13468 (using illuminant D65, compensation method).
- Open measurement compartment allowing for quick interchange and positioning of both small and large samples.
- Reference beam, self-diagnosis, and enclosed optics ensuring accurate and reliable readings at all times.
- Automatic and long-term calibration for easy and efficient operation.
- 10-year warranty on the LED light source, guaranteeing stable results over many years.
- Versatile sample holders available for films and sheets.
- Options for horizontal or vertical setup, catering to various sample handling needs.
- Foot switch for hands-free operation.
- Large color touch display with intuitive symbols for easy menu navigation.
- Comprehensive statistics and Pass/Fail analysis displayed in vibrant colors.
- Direct data transfer options via LAN, USB port, or USB stick.
- Professional data documentation and analysis facilitated by the smart-lab haze software.

## TECHNICAL SPECIFICATIONS

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# Haze-Gard i Technical specifications

Illuminants	CIE-C, CIE-A (ASTM D1003)
	CIE-D65 (ISO 13468, ISO 14782)
Spectral Response	CIE luminosity function y
Geometry	0°/diffus
Measurement Area	18 mm diameter
Measurement Area	0.7 in diameter
Sample Port	25.4 mm diameter
Sample Port	1.0 in diameter
Measurement Range	0 - 100 %
Repeatability (Std. Dev.)	± 0.1 units
Reproducibility (Std.Dev.)	± 0.4 units
General	
Memory	5000 reading
Interface	LAN, USB 2.0, additional front USB-port for memeory stick
Languages	English French German Italian Spanish Chinese Japanese Russian
Power supply	115/230 V self adapting
Weight	40 lb
Operating temperature	10 - 40 °C
Storing temperature	0 - 50 °C

Operating temperature	50 - 104 °F
Storing temperature	32 - 122 °F
Dimensions: L x W x H	62 x 22 x 33 cm
	24 x 8 x 13 in



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