

# HAZE METER MET103-700C



# HAZE METER MET103-700C

The amount of light that is diffused or scattered through the transparent material is measure by the Haze meter.

## MET103-700C HAZE METER

Double standard ISO & ASTM

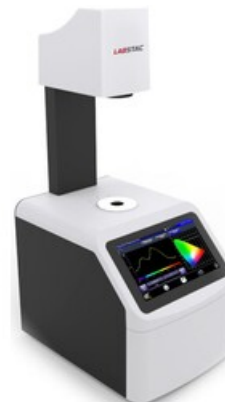
Easy to operate, faster and more accurate measurement

Dynamic measurement

With compensation port, so that the measurement data more accurate

Easy to measure and widely applicable to samples

Quality control software



## SPECIFICATIONS

| Model                            | MET103-700C  |
|----------------------------------|--|
| Optical Geometry                 | Transmittance:0/D Parallel light illumination, diffuse reflection reception  |
| Features                         | Photoelectric integration, No compensation port  |
| Standards compliant              | ASTM D1003/1044,GB/T 2410,JJF 1303-2011,CIE 15.2,JIS K7105,JIS K7361,JIS K 7136  |
| Integrating Sphere Size          | Φ 40mm   |
| Illuminant                       | D65,A,C  |
| Spectral mode                    | /  |
| Sensor                           | The PD array detector, satisfies CIE V(λ)2 degree visual response  |
| Measurement Wavelength range     | /  |
| Wavelength Pitch                 | /  |
| Semi-bandwidth                   | /  |
| Measuring range of transmittance | 0~100%   |
| Measurement Aperture             | Φ20mm/Φ15mm/Φ8mm/Φ4mm(Select a single diameter)  |
| Sample thickness                 | less than 170 mm   |
| color space                      | /  |
| Color Difference Formula         | /  |
| Other Colorimetric data          | Haze(ASTM D1003/1044),Transmittance T(ASTM)  |
| Observer                         | 2°   |
| Displayed Data                   | Pass/fail result   |
| Measurement Time                 | About 1.5s   |
| Measurement accuracy             | 0.1  |
| Repeatability                    | Φ20mm,within 0.1 (After the instrument is preheated and calibrated, the standard deviation between the standard haze tablet and the reference value is tested at an interval of 5s.) |
| Inter-instrument agreement       | Φ20mm,with 0.4 (After the instrument is warmed up and corrected, the standard deviation of the haze standard Haze film and the reference value is tested at an interval of 5s.)      |
| Operating Environment            | 0~40°C (32~104°F)  |
| Storage Environment              | -20~50°C (-4~122°F)  |
| Battery Performance              | DC 24V, 3A power adapter   |

|                      |  |
|----------------------|--|
| Lamp life            | 5 years, more than 30000000 times measurement  |
| Display              | 7 inch TFT capacity, Touchscreen display   |
| Interface            | USB, printing port   |
| Data Storage         | Standard 1000 pcs,sample 10000 pcs   |
| Language             | Chinese, English, traditional Chinese  |
| Standard Accessories | Power Adapter, User Guide,Quality Management Software (download from the official website),USB cable,0% calibration box, measuring caliber |
| Optional Accessory   | Mini-printer,Test fixture, standard haze sheet, foot switch  |
| Dimension            | 290x211x511 mm   |
| Weight               | About 7.6 kg   |

**LABSTAC**

**Labstac LLC**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA

Email: [contact@labstac.com](mailto:contact@labstac.com) | Website: [labstac.com](http://labstac.com)