

Quick-measure image clarity for both transmission and reflection.

Image Clarity Meter **ICM-2**

It measures the clarity of an image reflected on the surface of an object, as well as the image sharpness of an object that can be seen through transparent film, plastic, etc.



This is an image. Appearance subject to change.

01

Significantly reduced measurement times

Measurement takes approx. 5 sec.

02

Transmission and reflection

One unit can handle three conditions: transmission measurement, reflection measurement (45°, 60°)

03

Long-life VI-LED™ light source

Not require frequent lamp replacement
Stable measurement for long periods of time

Significantly reduced measurement times

Compared to conventional model, measurement time can be significantly reduced from approx. 30 sec. to approx. 5 sec.

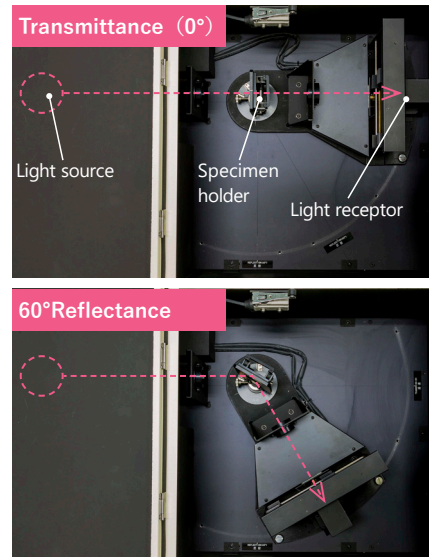
Transmission and reflection

One unit can handle three conditions: transmission measurement, reflection measurement (45°, 60°). The position and angle of the sample stage and light receptor can be easily and accurately switched.

Long-life VI-LED™ light source

The light source has a significantly longer life (10,000 hours) than the ribbon filament lamp of previous models. There is no need to wait for the light source to stabilize, so measurements can be made immediately after turning on the power.

"VI-LED™" is registered trademark of Suga Test Instruments Co., Ltd in japan.

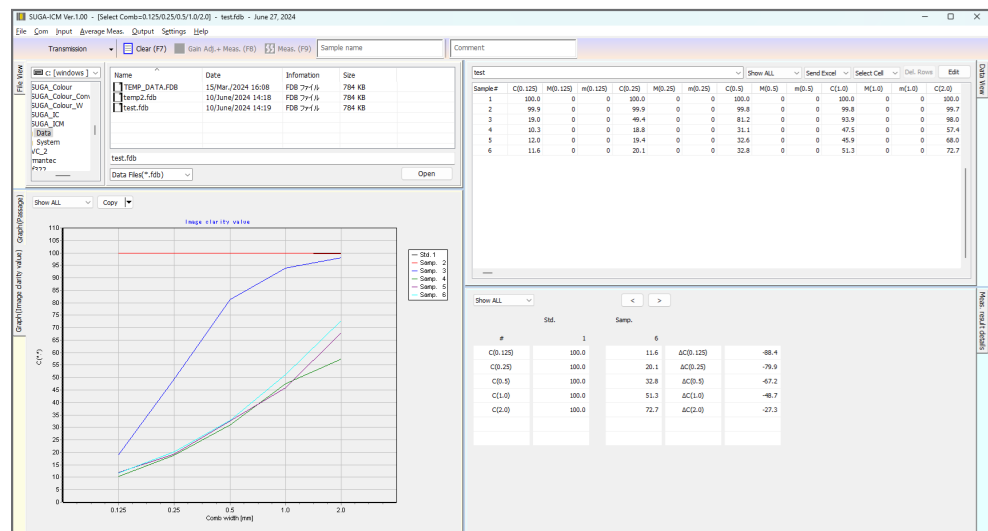


Selecting measurement conditions

Operate by PC

Original PC software (compatible with Windows™11) can be used to operate the measurement unit and display the measurement results. It has a variety of functions, including average measurement, pass/fail judgment function, graph display, and sample name management.

"Windows™" is registered trademark of Microsoft Corporation.



Display of PC software

Specification

ICM-2	
Measuring items	C(n) : Image clarity (%) at comb width n(mm) M _n : Max. relative light quantity at comb width n(mm) m _n : Min. relative light quantity as comb width n(mm)
Measuring angles	Reflectance: 45° incidence-45° viewing or 60° incidence-60° viewing (switchable) Transmittance: 0° incidence and viewing of transmitted light
Light source slit	0.03 ± 0.01mm
Optical mask width	0.125, 0.25, 0.5, 1.0, 2.0mm
Aperture diameter	φ 25mm
Max. specimen size	Reflectance 45° : Approx. 550 × 130 × t15mm Reflectance 60° : Approx. 330 × 130 × t15mm Transmittance : Approx. 400 × 130 × t15mm
Instrument	Laptop (including software) *Laptop is not included for exporting.
Light source	VI-LED™ (White LED)
Stability	Transmission measurement: Standard deviation of C(0.125) is within 0.2 (When the air layer is continuously measured for 30 times)
Power capacity	AC100 to 240V Approx. 200VA 50Hz/60Hz
External Dimension	Approx. W70 × D48 × H30cm
Wight	Approx. 35kg
Standards	ISO 17221, ISO 20266, JIS K7374



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