

Speedy measurement in about 5 seconds

Image Clarity Meter

IC-T / IC-45 / IC-60

Image clarity meters measure the appearance of reflected images such as painted surfaces of automobiles and photographic papers, and also transmitted images such as films and plastics.



Model : IC-45 / IC-60
(Transmission measurement model)



Model : IC-T
(Reflection measurement model)

- 1** Large samples can also be measured. Compact size and easy to measure.
- 2** Saving your time, Measurement time takes only about 5 seconds.
- 3** LED is used as the light source, enabling to conduct tests stably at any time.
- 4** It can be operated with the exclusive software installed on the PC. You can easily manage and analyze the measurement result data.

Specification

Measuring angles	IC-T : 0° incidence and viewing of transmitted light IC-45 : 45° incidence and viewing IC-60 : 60° incidence and viewing
Values to be measured	C(n) : Image clarity C(%) at n(mm) optical comb width Mn : Maximum reflectance at n(mm) optical comb width mn : minimum reflectance at n(mm) optical comb width
Slit	0.03 ± 0.01mm
Optical comb width	0.125, 0.25, 0.5, 1.0, 2.0mm
Aperture	φ 25mm
Measurement time	Approx. 5sec (approx. 10sec including sensitivity adjustment)
Stability	Standard deviation of C (0.125) is within 0.2% IC-T : (measuring 30 times in a row using air space) IC-45 / IC-60 : (measuring 30 times using the black glass plate)
Electrical requirements	AC100 ~ 240V, approx. 200VA
Light source	White LED
Light receptor	Combination of photocell and filter
Interface	USB 2.0 B terminal
Display and control	PC and software
External dimension and weight	IC-T : approx. 33(W) x 26(D) x 49(H)cm; approx. 16kg IC-45 / IC-60 : approx. 68(W) x 27(D) x 30(H)cm; approx. 14kg
Standards	ISO 17221, ISO 20266