

**HAZE METER**

# NDH 2000N



NDH 2000N is a haze meter that is based on various industrial standards for plastic products, such as “Haze measurement for plastic/transparent material” (JIS K7136 & ISO 14782) and “Total light transmittance measurement for plastic/transparent material” (JIS K7361 & ISO 13468), etc. Depending on the purpose of measurement, you can select a display mode from 3 different types. This is an all in one unit type haze meter with little desk space design, easy operation for anybody, easy to read large display and high speed measurement (approx. 2 seconds when measuring under ASTM 1003).

**■ Features**

- ① Measurement by this model is based on the plastic product testing methods specified by various industrial standards as JIS, ISO and ASTM.
- ② Measurement is available for haze, total light transmittance, diffuse transmittance, parallel transmittance and turbidity.
- ③ This model is an all in one type instrument that consists of operation panel, fluorescent character display and built-in printer.
- ④ Its optical unit is equipped with a  $\phi$  150mm integrating sphere with a compensatory opening.
- ⑤ Its large sample chamber allows measurement of a sample size up to 120mm x 120mm.
- ⑥ Measuring aperture can be changed to  $\phi$  7mm, by which taper abrasion test can be complied (in option).
- ⑦ Using communication software (option), you can transfer measurement data to your personal computer.

**■ Specifications**

Measuring method	Double-beam, Method of integrating sphere with a compensatory opening	Related standards	JIS (K7105, K7136, K7361), ASTM (D1003), ISO (13468, 14782)
Light source	Halogen lamp, 5V 9W	Power supply	100V to 240V AC, 50/60Hz, 45VA
Sample shape and size	25mm x 40mm to 120mm x 120mm * Compliance to special shape and further smaller samples is possible on special order.	Dimensions & weight	490(W) x 340(D) x 240(H) mm, Net 13kg
Measuring accuracy	Standard deviation within 0.03%, where 20 measurements were continuously made at airspace.	Option	Attachment for abrasion test( $\phi$ 7mm) A light source measuring function, Communication software(Quick Get)
Measuring items	Haze, Total light transmittance, Diffuse transmittance, Parallel transmittance and Turbidity		

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