

HAZE METER

NDH 7000SP



※Display and operation can be controlled by CU-II (exclusive control unit) or PC.

NDH 7000SP is a haze meter that enables to measure haze, total light transmittance, diffuse transmittance, parallel transmittance and turbidity based on various industrial standards for plastic products (ISO 13468, ISO 14782 and ASTM D1003). Measurement by nondestructive test is possible for such sample sizes as 30mm x 30mm to 297mm x 420mm (A3 size). This model will be optimum to make optical evaluation of high performance resin, optical film, packing material, glass, etc.

■ Features

- ① This model allows you to measure haze, total light transmittance, diffuse transmittance, parallel transmittance and turbidity.
- ② It will be a most suitable instrument for measuring plastics, films, vinyl, glass, diffuser panels, etc.
- ③ Measurement is possible without being affected by outside light. Opening and closing of a measuring window is not needed, and measurement is possible even with a measuring window open without affect by outside light.
- ④ Measurement of a large size sample is possible. So, this model will be also suitable for surface distribution measurement of a sample of 30mm x 30mm to a large size.
- ⑤ Power consumption is saved by LED's intermittent illumination like 7W standby power and 10W at the time of measurement.
- ⑥ Depending on the size and shape of your samples, you can install this haze meter vertically or horizontally.

■ 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	White LED	Power supply	100V to 240V AC, 50/60Hz, 20VA (optical unit) & 10VA (control unit)
Sample shape and size	30mm x 30mm to 297mm x 420mm (A3 size) * Protruding unnecessary part for measurement is possible.	Dimensions & weight	[Optical unit] 400(W) x 285(D) x 480(H) mm, Net 14.1kg [Control unit] 220(W) x 255(D) x 101(H) mm, Net 1.7kg
Measuring accuracy	Standard deviation within 0.03%, where 20 measurements were continuously made at airspace.	Option	PC control software, Film attachment, Attachment for abrasion test(φ 7mm), etc
Measuring items	Haze, Total light transmittance, Diffuse transmittance, Parallel transmittance & Turbidity		

 **NIPPON DENSHOKU INDUSTRIES CO., LTD.**



PT. DAINAN 2 INDONESIA

The City Resort Residences, Rukan Miami Bay B-7
 Jl. Kamal Outer Ring Road, Cengkareng, Jakarta Barat 11730
 Ph. (021) 56955697, 29032220, 29038709, 29038710
 Fax. (021) 29020533
 www.dainan2indonesia.com • www.ukurwarna.com