

HAZE METER NDH 7000



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

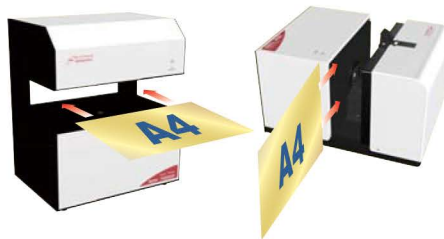
NDH 7000 is a haze meter that enables to measure haze, total light transmittance, diffuse transmittance, parallel transmittance and turbidity based on various industrial standards for plastic products (ISO 13468, ISO 14782 and ASTM D1003). Measurement by nondestructive test is possible for such sample sizes as 30mm x 30mm to 210mm x 297mm (A4 size), and you can select vertical or horizontal installation of this haze meter depending on the condition of use. This model will be optimum to make optical evaluation of high performance resin, optical film, packing material, glass, etc.

■ Features

- ① Measurement is available for haze, total light transmittance, diffuse transmittance, parallel transmittance and turbidity.
- ② This model complies with a sample size of 30mm x 30mm up to 210mm x 297mm (A4 size).
- ③ Depending on the size and shape of your samples, you can install this haze meter vertically or horizontally as you like.
- ④ A hatch type trap has been adopted at the opening, by which stable measurement is possible even for a sample with high level of haze.
- ⑤ A long life white LED has been adopted as a light source, so lamp replacement is no more needed and your running cost will be largely cut back.
- ⑥ Display and operation can be controlled by either of CU-II (exclusive control unit) or PC.
- ⑦ Measuring aperture can be changed to ϕ 7mm, It's possible for small irradiation area (in option).

■ Sample measurement

Measurement is possible by installing this haze meter both vertically and horizontally. You can put a sample of 30mm x 30mm up to A4 size into the sample chamber. A sample size even larger than A4 can be measured by protruding a part of it.



* You can select CU-II (exclusive control unit) or PC to control display and operation.

■ Screen when using PC software

	Name	Date	HAZE	T.T	DEF	P.T
1	Sample1-1	16:52:53	14.26	87.08	12.42	74.66
2	Sample1-2	16:54:47	14.20	87.09	12.37	74.72
3	Sample1-3	16:55:52	14.82	87.14	12.74	74.40
4	Sample1-4	16:57:41	14.72	86.95	12.80	74.15
5	Sample2-1	16:58:02	24.40	74.55	18.19	56.36
6	Sample2-2	16:58:32	24.35	74.58	18.16	56.42
7	Sample3-1	16:59:02	31.67	62.89	19.95	43.04
8	Sample3-2	16:59:33	31.99	63.08	20.18	42.91
9						
10						
11						
12						

■ Specifications

Measuring method	Double-beam, Method of integrating sphere with compensator 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 210mm x 297mm (A4 size) * Protruding unnecessary part for measurement is possible.	Dimensions & weight	[Optical unit] 334(W) x 294(D) x 473(H) mm, Net 14kg [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		

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