

NIPPON
Advanced Technology In Color and Brightness.
DENSHOKU

Light source **White LED employed**

No data deviation occurs thanks to unneedful lamp replacement.

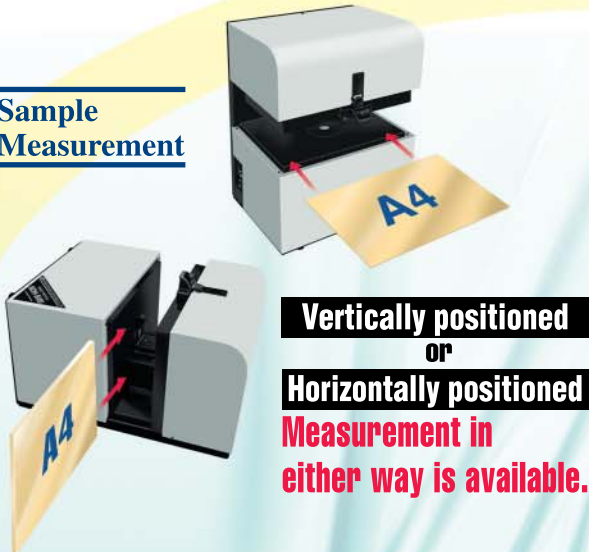
Hatch-type trap employed

Overall light transmittance of a high-haze diffusing plate can be measured with stable data.

Power saving

3W (Due to intermittent lighting of LEDs in stand-by status)
Power consumption: 10W (during measurement process)

Sample Measurement



**Vertically positioned
or
Horizontally positioned
Measurement in
either way is available.**

Sample of a size of

A4

paper size can be put in the sample chamber. Even a sample larger than A4 size can be accommodated with part of the sample protruded.



**HAZE METER
NEW MODEL**

NDH 5000

Most suitable for quality control measurements of plastic, film, vinyl, glass, diffusing plate and other materials



Conform to 3-Standards

JIS K 7361
ISO 13468

ASTM D 1003

JIS K 7136
ISO 14782



ISO9001 & 2000 Registered

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Main unit specifications

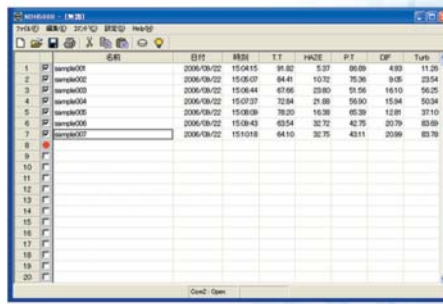
| | |
|-----------------------------|--|
| Measurement system | Double-beam system by the 150mm dia. integrating sphere with a compensating aperture, barium sulfate applied, and a hatch-type trap |
| Light source | White LED, 3W, No replacement required |
| Photo-detector | Si photo-diode with a V (λ) filter |
| Measurement beam | 14 mm dia., incident aperture 25 mm dia. |
| Measurement accuracy | Reproducibility in airspace: within ±0.03% (23°C, 20minutes or more later after turning on the power switch and by consecutive 20-time measurements) |
| Interface | Serial port (D-sub 9-pin male) |
| Power supply | AC 100~240V, 50/60Hz |
| Power consumption | 10W (3W in stand-by status) |
| Dimensions | 334mm (W)×294mm (D)×473mm (H) when vertically installed |
| Weight | Approx, 14 kg |
| Environments for use | Temperature: 15°C to 40°C, Relative humidity: 30 to 60%, No dew condensation |

Software specifications

| | |
|-----------------------------|---|
| Display items | Total transmittance, haze, diffuse transmittance, parallel transmittance, Turb, name, memo, measurement date, etc. |
| Data list | Display by a list and print of measurement result data Edit (Cut, Copy, and Enter a name or memo, etc.) |
| File input/output | Read and Save a data file in a unique format. Output available in CSV text format (variable length, Data string divided by a comma) |
| Number of data items | 1,000 data items per file |

(Note) Part of the specifications is subject to change for improvement of the product and other purposes.

Distributor



Software on a display

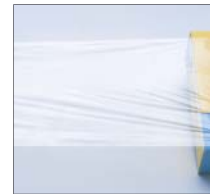
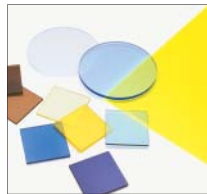


Conform to 3-Standards

**JIS K 7361
ISO 13468**

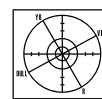
ASTM D 1003

**JIS K 7136
ISO 14782**



CU-1 specifications

| | |
|-----------------------------|---|
| Measurement items | Total transmittance, Diffuse transmittance |
| Display items | Total transmittance, haze, diffuse transmittance, parallel transmittance, and Turb. For these items, the display position and others can be arbitrarily selected. |
| Print items | Total transmittance, haze, diffuse transmittance, parallel transmittance, as well as date and time |
| Averaging count | To be arbitrarily set between 2 and 99 times |
| Measurement time | Approx. 7 seconds |
| Interface | NDH 5000 / Serial port (D-sub 9-pin male) Printer / Parallel port (D-sub 25-pin female) |
| Display panel | Fluorescent character display tube Number of dots: 126×64 dots Display range: 83.05mm×41.45mm |
| Power supply | AC 100V to 240V, 50/60Hz |
| Power consumption | 4W |
| Dimensions | 210mm (W)×230mm (D)×80mm (H) |
| Weight | Approx. 1.5kg |
| Environments for use | Temperature: 15°C ± 40°C Relative Humidity: 30 to 60%, No dew condensation |
| Option | External printer |



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

HEAD SALES DEPT.

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