

Drainage Coloration & Turbidity Meter

NDR 2000



This is an epoch-making color measuring instrument for drainage.

It has adopted the numerical standards for drainage established as municipal ordinances and bylaws by the local governments (in Japan), and coloration, turbidity and chromaticity coordinates (xy), etc. of drainage can be measured in a moment of time. NDR 2000 has the capacity equivalent to that of a colorimeter, so it will be useful for your highly reliable drainage management for factory liquid waste, waste water from households and sewage water, including an establishment of your own drainage standards and researches for environmental pollution.



Features

1. By setting your coloration judgement standards, you can make pass-fail determination for drainage.
2. Even samples that appear different by visual inspection can be measured in an instant.
3. When setting a one-touch mounting type flow cell (option), you can save the trouble of putting in and taking out a sample cell for each measurement.
4. Thanks to its unique compensation circuit design, you will be able to get highly stable measurement data even for long hours of consecutive measurements.
5. You can enjoy its compact design with high operation.

Specifications

Dimensions	W 400mm x D 400mm x H 210mm
Weight	Approx. 12kg
Power supply	100V to 240V AC, 50 / 60Hz
Power consumption	120VA
Light source	Halogen lamp, 12V 2A
Measuring items	Coloration, Turbidity, XYZ, xy, HVC, L*a*b, etc.
Measuring range	<ul style="list-style-type: none"> • Coloration : 0° to 10,000° ("Over" is display for more than 10,000°.) • Turbidity : 0° to 100°
Measuring area	16mmφ (transmitted luminoflux diameter)

Related standards	Correlation with coloration (diluting method), absorbancy • Turbidity : Factory waste water testing method (JIS K 0102) • Stimulus value Y & Chromaticity coordinate xy : Factory waste testing method (JIS K 0102)
Measurement accuracy	Measurement accuracy CV value within 5%, when turbidity is 1 degree (using polystyrene)
Option	<ul style="list-style-type: none"> • Color contamination measuring function • Flow cell

※This instrument is traceable to the standard of Japan Color Research Institute (JCRI).