

Transmission Colormeter TZ 6000

NDK
NIPPON
Advanced Technology in Color and Brightness.
DENSHOKU

This model is special for measuring the transmission color for the film and liquid. In normal, analytical curve for APHA and GARDNER has been entered. As a option, it is possible to input the analytical curve for SAYBOLT and ASTM. The light method makes it possible to get the data with prolonged measurement ability and high accuracy.



Features

1. Possible to measure the transmission color for film and liquid.
2. Analytical curves for Harzen color number (APHA) and Gardner color has been entered.
3. Simplified measurement for Saybolt color and ASTM color is possible.
4. The foot switch is the standard equipment.
5. The light method makes it possible to get the data with prolonged measurement ability and high accuracy.

Specifications

Dimensions	W 425mm x D 415mm x H 185mm	Measuring method	Double beam system
Weight	Approx. 13kg	Illumination & light receiving condition	n - D ※Specified for Transmission color measurement
Power supply	100V to 240V AC, 50 / 60Hz	Related standards	JIS Z 8722, ASTM E 308, ASTM E 313, ASTM D 1925, ISO 7724, CIE No.15.2, JIS Z 8729, JISZ 8730, JIS Z 8715, etc.
Power consumption	100VA	Measurement accuracy	•ΔE* : Standard deviation within 0.02 where 20 minutes later after turning on the power, 20 times of measurements are made in airspace, and repeatability is checked.
Light source	Halogen lamp, 12V 20W	Interface	Connection via RS-232C
Measuring items	L*a*b*, ΔL*a*b*, ΔE*, Lab, ΔLab, ΔE, XYZ, Yxy, YI (E313), YI (D1925), W (CIE), W (Lab), WB, Harzen color No. (APHA), Gardner Color, HVC, L*C*h*, ΔL*C*h*, ΔE94, ΔEcmc (1 : 1), ΔEcmc. (2 : 1), LCh, ΔLCh, OD, Color deviation criterion chart	Use Environment	10°C to 40°C, 30 to 80% R.H. No dew Condensation
Measuring area	Luminoflux : 7mm Incident light opening : 20mm		
Measuring aperture	14mm x 45mm		