

Micro Spectrophotometer VSS 400

NDK
NIPPON
Advanced Technology in Color and Brightness.
DENSHOKU



This model is spectrophotometer for very small area which makes it possible to measure the spectral reflection rate and spectral transmittance by magnifying the microscopic area through a microscope. The measuring area is projected on the monitor and you can check the area and focus on the measuring area till 0.05mm.

Features

1. Directly measure tiny area.
2. Measure the values of the various color formula and gloss of plating at the moment without touching the sample.
3. Adopt the W 200mm × D 150mm sample bed for measuring the large sample.
4. Load the color CCD camera for focusing on the correct measurement point.
5. Possible to measure the gloss of the gold plating and the silver plating.

Specifications

Dimensions	Optical unit : W 360mm x D 360mm x H 460mm Measuring unit : W 350mm x D 360mm x H 110mm	Illumination & light receiving condition	45c : 0°, Vertical light receiving
Power supply	100V AC, 50 / 60Hz	Related standards	JIS Z 8722, ASTM E 308
Power consumption	90W	Sample bed	W 200mm x D 150mm Moving range : X-axis 120mm, X-axis 90mm, Z-axis 50mm
Light source	Halogen lamp, 12V 4A	CCD camera	Color-CCD, 380,000 pixels
Measuring items	Spectral reflection, Spectral transmittance, Density, Color specifications like XYZ, L*a*b*, etc.	Standard accessories	<ul style="list-style-type: none"> • Color monitor • Color management software (Color Mate 5)
Measuring area	0.05mm φ, 0.1mm φ, 0.2mm φ, 0.5mm φ (to be selected)	Option	<ul style="list-style-type: none"> • RS-232C interface cable
Measuring range	400nm to 700nm, output wavelength at 20nm interval (vertical light receiving)		

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