

NH300 Colorimeter

3nh colorimeter are widely used in plastic, metal, electronic, paint, ink, textile, garment, printing and dyeing, food, medical, cosmetic, automotive, toy...industries.

3nh



ISO9001 Certified



TÜV

Specifications of NH300 Colorimeter

Model	NH300
Display Mode/Color Space	CIE L*a*b *C*H* ; CIE L*a*b
Color Difference Formula	ΔE^*_{ab} , $\Delta L^*_{a^*b}$, $\Delta E^*_{C^*h}$

Illuminating/viewing geometry	8/d (8°illumination angle/diffuse viewing)
Light Source	LED blue light excitation
Detector	Silicon photoelectric diode
Measuring Aperture	Φ8mm
Measuring Conditions	Observer: CIE 10° Standard Observer Illuminant: CIE Standard Illuminant D65
Measuring Range	L: 0 to 100
Repeatability	Standard deviation within ΔE^*_{ab} 0.07 (Measurement Conditions: Average of 30 measurements of standard white plate)
Minimum Interval Between Measurement	Approx. 1 sec
Battery Life	Approx. 3000 measurements
Lamp Life	more than 1.6 million times in 5 years
Display	TFT True-color; 2.8 inch@(16:9)
Interface	Model B: USB RS-232: Baud rate 19200bps
Operating Temperature Range	-10°C to 40°C
Storage Temperature	-20°C to 50°C
Humidity Range	less than 85% relative humidity, no condensation
Weight	500g
Dimensions	205 x 70 x 100 mm
Size of the Packing	435 x 205 x 345mm
Standard Accessories	AC Adapter; Li-ion Battery; Operation Manual; Software CD; USB Cable; White Calibration Cover; Φ8mm Measuring Aperture

Optional Accessories	Mini-printer; Printer Cable
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**Note: The specifications are subject to change without notice*



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