## Spectrophoto Meter เครื่องวัดเฉดสี

## **Usages:**

Descriptions

- 1. Leading Humanity Design and Convenient operation
- One-Touch access to measurement interface
- Structure design in line with Ergonomics
- Easy to use operator interface
- 2. Stable measurement performance
- The average fluctuation of  $\,\Delta$  E is less than 0.07, actually more in 0.04~0.06
- Portable structure design is more conductive to keeping the instrument stable when using
- 3. Flexible and accurate locating
- Illumination locating is a fast, simple and convenient location which is created by 3nh
- 4. PC Software realize more function expansion
- 3nh has the intellectual property of PC software, The corresponding software serial number and password protection are configured in 3nh colorimeter.
- Be able to perform color difference analysis, color difference cumulative analysis, chromaticity index, color sample database management, simulating object color, etc.



- 5. Advande power management design
- 3nh is the first enterprise using high capacity Li-ion battery in colorimeter
- 3nh Li-ion battery can be repeatedly charged which will save cost. Meanwhile, it can measure more than 3000 times on one charge to ensure the stabillity of long time measurement

## **Specification List**

- Illuminating/ Viewing geometry: 8/d
- Measuring aperture " ø8mm
- Detector : Silicon photoelectric diode
- Color space : CIEL \*a\*b\*C\*h\* CIEL\*a\*b\* CIEXYZ
- Color difference formula :  $\Delta$  E\*ab  $\Delta$  L\*a\*b\*  $\Delta$  E\*C\*h\*
- Light source: D65
- Light source device : LED blue light excitation
- Errors between each equipment : ≤ 0.40  $\triangle$  E\*ab
- Storage: 100pcs standards 20000pcs samples
- Repeatabillity: Standard deviation within Δ E\*ab 0.07 Average of 30 measurements of standard white plate
- Weight : 500g
- Dimension: 205x70x100mm
- Power source: Rechargeable lithium-ion battery 3.7V@3200mAh
- Lamp life: 5 years, more than 1.6 milion measurement

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