

FX400 High Quality Colorimeter

FLUXANAR

- Humanity Design and Convenient Operation
- Stable Measurement Performance
- Convenient and Fast Locating
- PC Software—More Function Expansion
- Equipped with High Capacity Li-ion Battery



FX400 colorimeter, with high cost-effective, is another masterpiece of us. FX400 is a portable colorimeter with high stability, high accuracy and high cost-effectiveness.

FX400 Precision Colorimeter

Make the Measurement Easier

FX400 High Quality Colorimeter

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 ΔE is less than 0.08,
- Portable structure design is more conducive to keeping the instrument stable when using.

3. Flexible and Accurate Locating

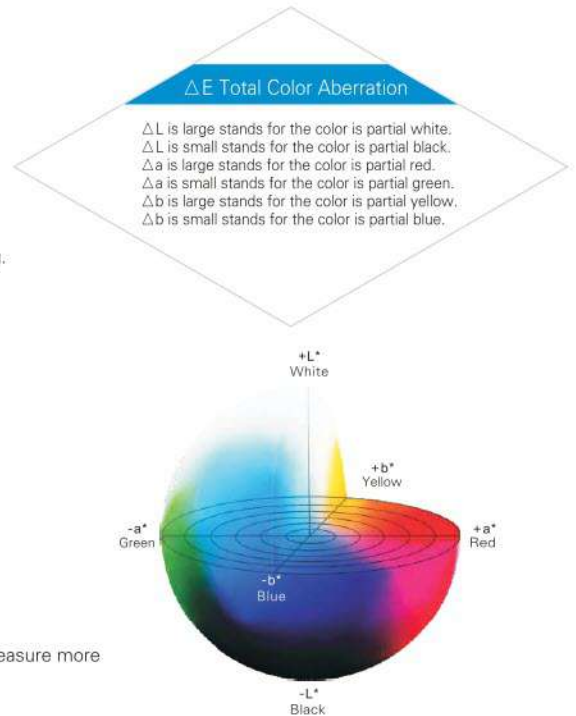
- Illumination locating is a fast, simple and convenient locating which is created by FX400

4. PC Software—Realize More Function Expansion

- FX400 has the intellectual property of PC software. The corresponding software serial number and password protection are configured in FX400 colorimeter.
- Be able to perform color difference analysis, color difference cumulative analysis, chromaticity index, color sample database management, simulating object color, etc.

5. Advanced Power Management Design

- FX400 is the first enterprise using high capacity Li-ion battery in colorimeter.
- FX400 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 stability of long time measurement.



Applicable Industries



Technical Specifications

Illuminating/Viewing Geometry : 8/d
Measuring Aperture : $\Phi 8\text{mm}$
Detector : Silicon photoelectric diode
Color Space : CIEL*a*b*C*h* CIEL*a*b* CIEXYZ
Color Difference Formula : ΔE^*_{ab} $\Delta L^*_{a^*b^*}$ $\Delta E^*_{C^*h^*}$
Light Source : D65
Light Source Device : LED blue light excitation
Errors Between Each Equipment : $\leq 0.50 \Delta E^*_{ab}$
Storage : 100pcs standards 20000pcs samples
Repeatability : Standard deviation within ΔE^*_{ab} 0.08 Average of 30 measurements of standard white plate
Weight : 500g
Dimension : 205 × 70 × 100 mm
Power source : Rechargeable lithium-ion battery 3.7V@3200mAh
Lamp Life : 5 years, more than 1.6 million measurements