



3nh Global

# Precise measurement

## Spectrophotometer ST70



GUANGDONG THREENH TECHNOLOGY CO., LTD.



Spectrophotometers



Colorimeters



Haze Meters



Gloss Meters



Test Charts



Light Booths

### ★ CONTACT US

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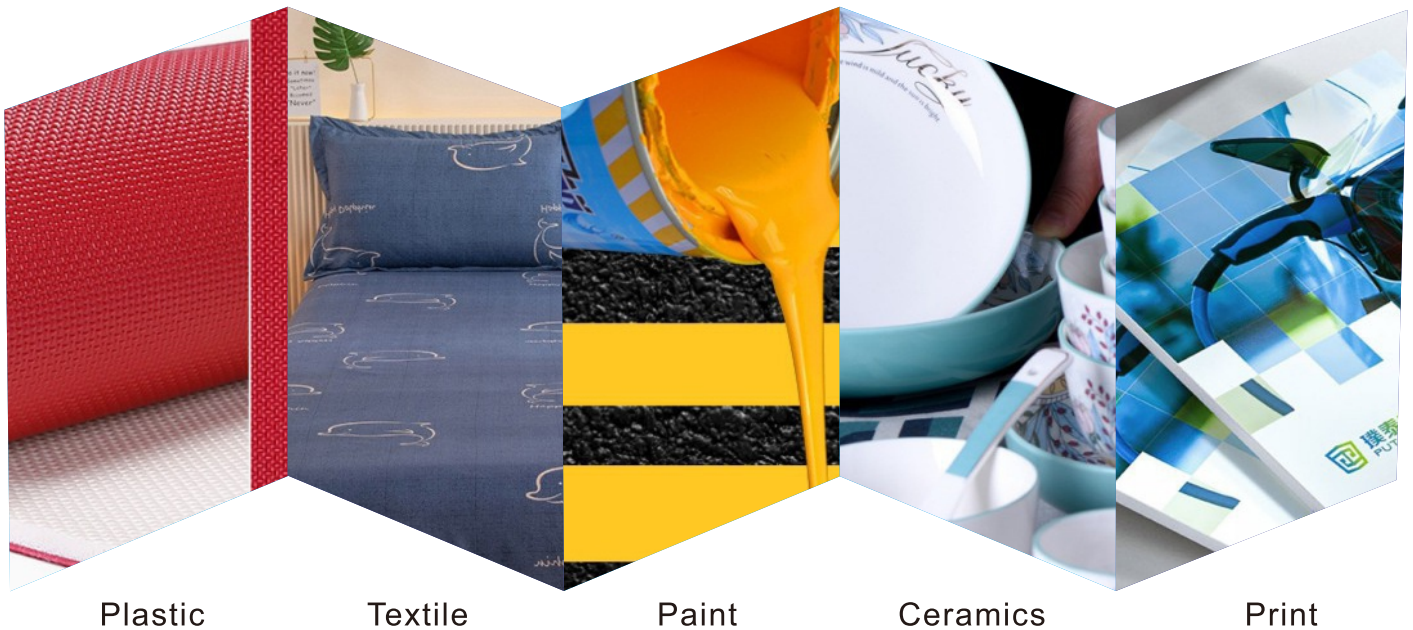
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# Application

Spectrophotometer ST70 is equipped with 5 kinds of measuring apertures, which has wider adaptability, accurate color measurement and stable performance. Sample measurement.



Plastic

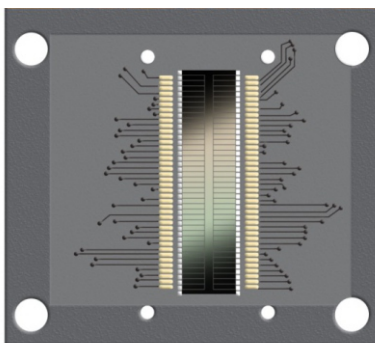
Textile

Paint

Ceramics

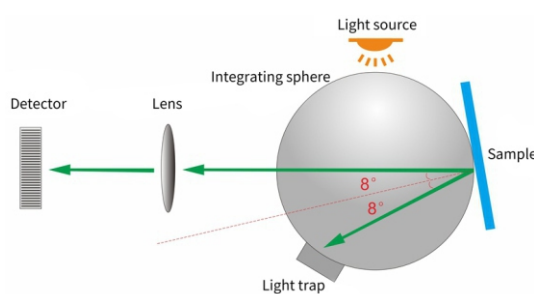
Print

# Features



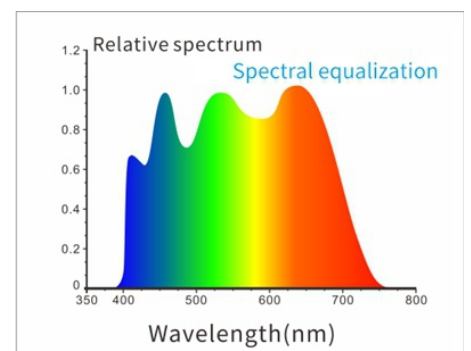
## 1. Large area photodiode array (32 groups of dual columns) sensors

Larger area double 32 array sensor, strong light will not be saturated, weak light sensitivity is higher and wider spectral response range, to ensure the instrument measurement speed, accuracy, stability and consistency, independent core technology, and international standards  
The same platform is fully compatible.



## 2. Adopt the international D/8 structure, support SCI+SCE simultaneous fast measurement

Spectrophotometer ST70 adopts D/8 illumination observation conditions and SCI/SCE (including specular reflection/exclusive specular reflection) synthesis technology, which is widely applicable in the world, and supports SCI+SCE simultaneous rapid measurement, and the test time is about 1.5 seconds.



## 3. Combined full spectrum LED light source and UV light source

The use of 360-780nm full-spectrum LED light source ensures sufficient spectral distribution in the visible light range, avoids the lack of spectrum in specific bands, strong light will not be saturated, weak light is more sensitive, and fluorescent samples can also be easily measured.





**4. Equipped with five kinds of measuring apertures to meet the most samples measurement requirements**

Spectrophotometer ST70 factory standard with 8mm flat aperture, 8mm tip aperture, 4mm flat aperture, 4mm tip aperture, 1x3mm tip aperture, a total of five measuring apertures, to meet the measurement needs of most special samples.



**7. Place the base with peace of mind to ensure that the whiteboard is not dirty**



**10. Excellent inter-stage difference and repeatability**

Ensure the consistency of measurement data of multiple devices, which can be used for color matching and accurate color transfer.



**5. Camera positioning can clearly observe the measured area**

The ST70 spectrophotometer has built-in camera. Through the real-time scene-taking of the camera, it can accurately determine whether the measured part of the object is the target center, which improves the measurement efficiency and accuracy.

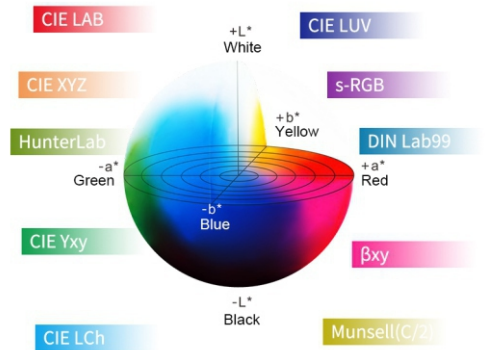
**8. Rich chromaticity index**

Spectrophotometer ST70 not only provides the commonly used color measurement, but also provide spectral reflectance, WI (ASTM E313, CIE/ISO, AATCC, Hunter, TaubeBergerStensby), YI (ASTM D1925, ASTM 313), Metamerism index of Mt, Staining Fastness, Color Fastness, Color Strength, Opacity, 8 degree gloss, 555 tone classification, Carbon (My,dM), color density CMYK(A,T,E,M), Tint, Munsel chroma index (part of the function is realized by PC software).



**6. Non-contact automatic calibration, professional imported white board, more wear-resistant, dirty, stable**

**SUPPORT 10 COLOR SPACES**



**9. Offer 10 kinds of color measurement space and 41 kinds of observation light source**

Offer CIE LAB,XYZ,Yxy,LCh,CIE LUV, S-RGB, HunterLab, βxy, DIN Lab99, Munsell(C/2) color spaces, and D65, A, C, D50, D55, D75, F1, F2(CWF), F3, F4, F5, F6, F7(DLF), F8, F9, F10(TPL5), F11(TL84), F12(TL83/U30), B, U35, NBF, ID50, ID65, LED-B1, LED-B2, LED-B3, LED-B4, LED-B5, LED-BH1, LED-RGB1, LED-V1, LED-V2, LED-C2, LED-C3, LED-C5. It also can be customized light source (A total of 41 kinds of light source, Partially realize through the PC software /APP software), and can meet the special measurement requirements under different measurement conditions.



**11. Support Huawei Hongmeng, Android, IOS, WeChat applet, Windows program**

