

## Multi Angles Gloss Meter CS-380



Gloss meters are mainly used in the surface gloss measurement for paint, plastic, metal, ceramics, building materials and so on. Our gloss meter conform to the DIN 67530, ISO 2813, ASTM D 523, JIS Z8741, BS 3900 Part D5, JJG696 standards and so on.

### Product Advantage

#### 1). High Precision

Our gloss meter adopts sensor from Japan, and processor chip from the US to ensure highly precise of the measured data.

Our gloss meters conform to JJG 696 standard for first class gloss meters. Every machine has metrology accreditation certificate from State Key Laboratory of modern metrology and testing instruments and Engineering center of the Ministry of Education in China.

#### 2). Super Stability

Every gloss meter made by us has done the following test:

- 412 calibration tests;
- 43200 stability tests;
- 110 hours of accelerated aging test;
- 17000 vibration test

#### 3). Comfortable Grab Feeling

The shell is made by Dow Corning TiSLV material, a desirable elastic material. It is

resistant to UV and bacteria and do not cause allergy. This design is for better user experience

#### 4). Large Battery Capacity

We fully utilized every space of the device and specially custom made advanced high density lithium battery in 3000mAh , which ensures continuous testing for 54300 times.

#### 5). More Product Pictures



#### 6). Technical Data

Model	CS-380
Test Angle	20° ,60° ,85°
Test light spot(mm)	20°:10*10
	60°:9*15
	85°:5*38
Test range	20°:0-2000GU
	60°:0-1000GU
	85°:0-160GU
Resolution	0.1GU

Test modes	Simple mode, standard mode and sample testing mode
Repeatability	0-100GU:0.2GU 100-2000GU:0.2%GU
Accuracy	Conform to JJG 696 standard for first class gloss meter
Test time	Less than 1s
Data storage	100 standard samples; 10000 test samples
Size(mm)	165*51*77 (L*W*H)
Weight	About 400g
Language	Chinese and English
Battery capacity	3000mAh lithium battery
Port	USB, Bluetooth (optional)
Upper-PC Software	Include
Working Temperature	0-40℃
Working Humidity	<85%, no condensation
Accessories	5V/2A charger, USB cable, operating manual, software CD, calibration boards, metrology accreditation certification

#### 7). Application Example



#### 8). Technical Support



##### a. One Year Guarantee Time.

## Company Profile

### CHNSpec Technology (Zhejiang) Co., Ltd



CHNSpec Technology (Zhejiang) Co., Ltd. is a leading Chinese enterprise in the field of color and appearance measurement devices, mainly engaged in the research and development, production, and sales of color detection equipment. The products include colorimeters, spectrophotometers, transmittance haze meters, gloss meters, paint color matching software, hyperspectral cameras, and are widely used in industries such as plastic, coatings, printing, automotive parts, metals, home appliances, universities, and research institutions both domestically and internationally. CHNSpec Technology (Zhejiang) Co., Ltd



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is located in Xiasha Higher Education Park, Hangzhou City. The main responsible person of the company has a senior professional title and a doctoral degree or above. The company has introduced R&D teams from well-known universities such as Zhejiang University and China Jiliang University. The development of color spectrum has attracted the attention of domestic experts and scholars, and has cooperative relationships with authoritative research institutions such as the Zhejiang Provincial Key Laboratory of Modern Metrology and Testing and Instruments, the National Engineering Center for Metrology and Testing Technology of the Ministry of Education, etc. With the care of various experts, the technical level and research and development capabilities of CHNSpec Technology (Zhejiang) Co., Ltd have achieved leapfrog development and achieved remarkable results.

CHNSpec Technology (Zhejiang) Co., Ltd has a number of invention patents, including one American invention patent, a number of utility model patents, appearance patents, and software copyrights.

In addition, multiple invention patents are still in the announcement stage. CHNSpec Technology (Zhejiang) Co., Ltd has published multiple



papers in domestic first-class scientific

research journals and has been included in SCI and EI.

## Qualifications and Honors



### Patent technology



### Product certificate



CE Certificate



Full Test Report



RoHS Certificate



FCC Certificate



UKCA Certificate



Verification Certificate  
of National Institute of Metrology

## Participate in standard development



Specification for  
calibration of Pt-Co  
colorimeters



Leather color fastness  
test - Change in color under  
accelerated aging conditions  
(QB/T 5250-2018)



Leather Color Fastness  
Test - Color Migration  
onto PVC Film  
(QB/T 5252-2018)



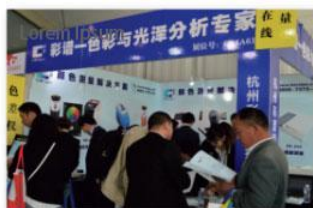
Textiles - Quantitative  
analysis of polyester  
blended fabrics -  
Hyperspectral method



Color fastness test -  
Rating of staining  
on adjacent fabrics -  
Hyperspectral method

## Industry conferences





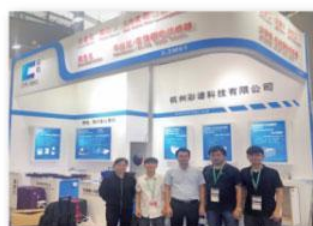
Chinaplas 2016



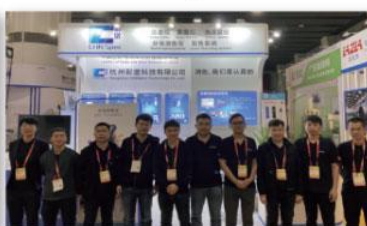
2016 CHNSpec Technology Seminar - Dongguan Station



2016 CHNSpec Technology Seminar - Guangzhou Station



Chinaplas 2019



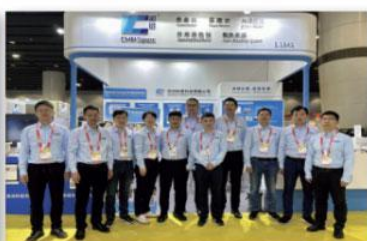
The CHINACOAT Series Of Exhibition 2020



United Coatings Conference 2022



2023 Chongqing Color Masterbatch Annual Conference



The CHINACOAT Series Of Exhibition 2023



2023 Shanghai Sewing Industry Annual Conference

## Partners

Testing organization						
School						
Plastic						
Electronic appliances						
Textile						
Food						
Home decoration						
Paint						