

CS-3600

Portable Color Spectro



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► High performance-price ratio among similar international products;

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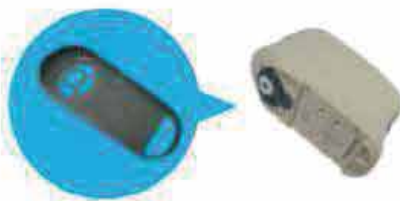


►► Professional design and powerful instrument functions

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- | IT 10.1.11 | | | | | |
|------------|----------|---------|----|--------|--------|
| 10/1/06 | | 10/1/11 | | | |
| 1 | 92.87 | 36.98 | 2 | 9.70 | 4.33 |
| 3 | -11.24 | -25.38 | 7 | 11.79 | 8.88 |
| 5 | -38.87 | -68.63 | 9 | -83.88 | 11.20 |
| 6 | 88.89 | 54.88 | 10 | 0.1711 | 0.0001 |
| 11 | 259.95 | 242.47 | 17 | 0.2091 | 0.0001 |
| 2012-11-08 | 21-08-15 | | | | |



- Large data storage space: can store up to 100 sets of standard samples. with up to 200 measurement records for each standard sample;

►► Specifications

Model	CS-3600
illumination/observation system	D/8 (diffused light, 8" reception, SCE/SCI)
Sensor	Photoelectric diode array
Integrating sphere diameter	40mm
Wavelength range	400nm - 700nm
Wavelength interval	10nm
Half bandwidth	≤14nm
Range of reflectance	0-175%, resolution 0.1%
Light source	Composite LEDs
Measuring time	About 1.5 seconds
Measuring caliber	8mm
Repeatability	The standard deviation within E^*ab 0.08, the standard deviation within 0.2%
Inter instrument agreement	Within E^*ab 0.4 / standard color boards.
Languages	English (optional language of your choice)
Standard observer	2' and 10'
Observation light source	A, C, D50, D65, F2, F6, F7, F8, F10, F11, F12 (can select two light sources for display at the same time)
Displayed contents	Spectral data, spectral chart chromatic values chromatic aberration value, pass / fail color simulation.
color space / standards	L' a' b', L*a*b*, E^*ab (CIE 1976) Ech E^*94 (CIE1994) $E00$ / CIE2000), CMC (1.1) CMC (2.1) Yxy, Xyz, WI (ASTM E 313/CIE)
	YI (ASTM E313/ ASTM D1925), ISO brightness (iso 2470), Density status A/T, CIE00, WI/Tint
Data storage	100 x 200 (100 sets of standard samples, up to 200 measurement records under each standard sample)
Port	USB
Power source	Detachable lithium-ion battery pack, DC adapter
Operation temperature and humidity range	5 to 40°C, relative humidity 80% or less (at 35°C) with no condensation
Storage temperature and humidity range	0 to 40°C, relative humidity 80% or less (at 35°C) with no condensation
Display	2.8-inch TFT color screen
Accessories	Black and white calibration box, pre-locating panel
Optional accessories	Mini-printer
UV fluorescent	Without UV

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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