



Specification sheet

Model	SKZ102-32
Display Mode	CIELAB, CIELCH, CIEXYZ, CIELUV, HunterLAB, sRGB
Color Difference Formula	ΔE^*ab , ΔE_{CMC} , ΔE_{ISO} , ΔE_{CIE94} , ΔE_{FCMII} , ΔE_{Luv} , ΔE_{hunter} , ΔE_{sRGB}
Yellowness and Whiteness	Ganci whiteness, ISO brightness, YI yellowness
Illumination Condition	CIE Recommendation: 8/d 45/0 Optional
Light Source	LED blue excitation
Sensor	Photodiode array
Measurement Caliber	$\phi 4mm/\phi 8mm/\phi 16mm$ Alternative
Measurement Condition	Observer: CIE 10° Standard observer Light source: A C D50 D65 F2(CWF) F7 F11(TL84) F12(U30) Contain light way: SCI SCE
Measurement Range	L: 0 to 100
Repeated Accuracy	$\Delta E < 0.03$ (take the deviation average after 30 times measuring the whiteboard)
Table Difference	$\Delta E < 0.2$
Measurement Interval	0.5 Sec.
Average Measuring Function	Average measuring frequency: 1-32 times
Color Simulation Function	yes
Storage Capacity	Type sample data : 100 with testing sample data: 200 Whiteness/yellowness data: 200
Language Patterns	English/Simplified Chinese/Traditional Chinese
Quality Control Software	《Color-Analysis System》 software

Battery Charging Time	8 hrs
Battery	Li-ion battery, 5000 times Measurement
Lifetime of Bulb	5 years more than 1.6 million measurements
Display Screen	TFT true color 2.8inch@(16:9) Resolution ratio:400x240
Interface of External	USB2.0 (USB-B)- data communication with 《color analysis system》 software RS-232 (115200bps)- connected with micro printer
Working Temperature Range	0℃-40℃ (32°F-104°F)
Storage Temperature Range	-20℃-50℃ (-4°F-122°F)
Humidity Range	Relative humidity less than 85%,without condensation
Weight	700g
Size	199*68*90mm
Size of Exterior Package	400*240*340mm
Standard Accessories	Standard whiteboard/Standard black cavity/3000mAH Li-ion battery/AC adapter/USB Data line/CD 《Color analysis software》 /User manual/Warranty card
Optional Accessories	Flour measuring device/Liquid measuring device/Micro printer

Pictures for reference:



Accessory For liquid with extra charge



Accessory for powder with extra charge



Accessory of printer with extra charge

