

TCR-200

PRECISE COLOR READER

Features

- High performance-price ratio among similar products
- High accuracy and stable performance
- PC software for data and statistical management
- Suitable for a company's internal and external color evaluation and data control
- Energy saving design, USB and bluetooth(optional) data connection
- yellowness and whiteness measurement
- Multi-point measurement for averaging
- Large data storage space
- Chinese metrology accreditation
- Display precision 0.01
- Repeatability precision AE's standard deviation 0.08
- Enhance the measure accuracy through white and black calibration



Technical Specification

Illumination system	8/d (8°/diffused illumination), specular component included (SCI)	Storage	100 sets of standard samples; up to 100 under each standard sample
Display modes	Colorimetric values: L*a*b*, L*C*h*, ΔE_{ab}^* , Xy Z, relative RGB values; Color difference values: $\Delta(L^*a^*b^*)$, $\Delta(L^*C^*h^*)$; Whiteness values: hunterwhiteness, ganz whiteness yellowness value: y I	Measuring time	About 0.5 seconds
		Measuring light source	LED
		Interface languages	Chinese, English
Measuring caliber	About 8mm	Power source	Four AA1.5V alkaline battery or nickel-metal hydride batteries; Exclusive DC5V adapter
Measuring conditions	CIE 10° standard observer; CIE D65 light source	port	USB 2.0, printer
Measuring range	L*: 1-100	Dimension (mm)	77×86×210
Repeatability	Standard deviation within ΔE_{ab}^* 0.08(condition: measure the white calibration board 30 times for average)	weight (g)	550