

# Chroma Meter

## Features

- Precision Instrument for light luminance and colour
- Meet CIE photopic spectral response
- Color temperature or Correlated colour temperature
- Custom reference value of colour difference model
- Lux or foot-candle unit selection
- Magnetic mount



Model	ST522
Light Source	Source Selectable
Measuring Function	Illuminance: Ev (lx or fcd) Color Coordinate: (x, y), (u', v') (CIE 1960) Correlated Color Temperature: CT, Δuv Color Difference: (ΔEv, Δx, Δy), (ΔEv, Δu', Δv'), (ΔEv, ΔCT, Δu'v') (One set of reference color)
Measuring Range	Ev: 0~80,000 lx (0~7,432 fcd) CT: 99,990 K Max.
Accuracy	Ev: ± (3%+2 Digital) (3,000 lx, standard illuminant A measured) x, y: ± 0.02 (100 lx, RGB LED Light) CT: ± 4 %
Resolution	Ev: 1(0~9,999), 10(Over 10,000), lx ; 0.1(0.0~999.9), 1(Over 1,000), fcd ; CT: 1(0~9,999), 10(Over 10000), K ; x, y: 0.001; u', v': 0.001
Response Time	Approx 1 sec
Operation Temperature	0°C to 50°C (32°F to 122°F) Less than 80% RH
Weight	200g
Dimensions	140x49x29mm(instru), 165x50x36mm(sensor)
Accessories	9V Battery, Instruction manual, Carrying Case, Sleeve