

Now installers and technicians can calibrate displays and projectors more accurately than ever before using Sencore's all new non-contact OTC1000 ColorPro Optical Color Analyzer.



Optical Tri-stimulus Color Analyzer Features:

- OTC1000 measurements closely match human eye response, using highly accurate tri-stimulus filtered sensors capable of measuring to extreme low light conditions
- It is fast! Takes continuous constant-rate (less than 1 second) measurement updates at light levels down to 0.01 fL
- It is non-contact—using a laser aiming tool for proper screen alignment. Setup is quick and straight-forward, and the user interface is very easy to use
- **CP6000 Software** includes:
 - ⇒ Ambient Light Cancellation—allows you to accurately calibrate displays regardless of ambient light conditions
 - ⇒ Video Generator control—makes calibration much quicker, especially pre-cal and post-cal capture and gamma tests
 - ⇒ Automated Color Gamut measurement and adjustment
 - ⇒ Expanded database—for capturing “as found” information on the display under test
 - ⇒ Expanded reporting—features and functions

OTC1000 ColorPro Optical Tri-stimulus Color Analyzer

Measurement Type:	Optical tri-stimulus colorimeter	Accuracy (to calibration LCD grayscale)
Optical Configuration:	$\pm 3.5^\circ$ measurement field Fixed optics	Chromaticity, Luminance: 160 — 1370 cd/m ² : ± 0.002 , $\pm 1\%$ 40 — 160 cd/m ² : ± 0.003 , $\pm 1.5\%$ 10 — 40 cd/m ² : ± 0.0035 , $\pm 3\%$
Measurement Distance:	40" — 65'	Repeatability (constant white display)
Aiming Aid:	Integrated laser pointer	Chromaticity, Luminance: 300 — 1370 cd/m ² : ± 0.0002 , $\pm 0.05\%$ 30 — 300 cd/m ² : ± 0.0004 , $\pm 0.1\%$ 3 — 30 cd/m ² : ± 0.0008 , $\pm 0.1\%$ 0.1 — 3 cd/m ² : ± 0.0012 , $\pm 2\%$
Spectral Range:	380 — 720 nanometers	Inter-instrument Agreement
Luminance Range:	0.034 to 1370 cd/m ²	Chromaticity: ± 0.004 Luminance: $\pm 5\%$
Luminance Resolution:	0.001 cd/m ²	Interface: USB HID
Measurement Time:	0.20 to 1.0 sec (typical)	Power: Powered through USB interface
Weight & Size: (unpacked)		
Weight:	1.9 lbs. (approx.)	
Dimensions:	7.9" x 3.1" x 3.1" (LWH)	



The OTC1000 is an optical non-contact color analyzer for highly accurate and convenient measurement and calibration of all display systems, including front projectors, rear projection, LCD, plasma, and CRT displays. The included Ambi-Block™ technology allows accurate display system measurement and calibration even under less than ideal measurement conditions.

ColorPro Optical Tri-stimulus Color Analyzer Accessories

- CP6000 software CD
- 10 ft. cable—USB A to B
- Heavy-duty Mounting Tripod (optional)

Call 1-800-SENCORE

