

## 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.



Video Projection  
so Clear Your  
Room Will Blur!

### 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**

<b>Measurement Type:</b>	Optical tri-stimulus colorimeter	<b>Accuracy</b> (to calibration LCD grayscale) Chromaticity, Luminance:	160 — 1370 cd/m <sup>2</sup> : ± 0.002, ± 1% 40 — 160 cd/m <sup>2</sup> : ± 0.003, ± 1.5% 10 — 40 cd/m <sup>2</sup> : ± 0.0035, ± 3%
<b>Optical Configuration:</b>	± 3.5° measurement field Fixed optics	<b>Repeatability</b> (constant white display) Chromaticity, Luminance:	300 — 1370 cd/m <sup>2</sup> : ± 0.0002, ± 0.05% 30 — 300 cd/m <sup>2</sup> : ± 0.0004, ± 0.1% 3 — 30 cd/m <sup>2</sup> : ± 0.0008, ± 0.1% 0.1 — 3 cd/m <sup>2</sup> : ± 0.0012, ± 2%
<b>Measurement Distance:</b>	40" — 65'	<b>Inter-instrument Agreement</b>	Chromaticity: ± 0.004 Luminance: ± 5%
<b>Aiming Aid:</b>	Integrated laser pointer	<b>Interface:</b>	USB HID
<b>Spectral Range:</b>	380 — 720 nanometers	<b>Power:</b>	Powered through USB interface
<b>Luminance Range:</b>	0.034 to 1370 cd/m <sup>2</sup>		
<b>Luminance Resolution:</b>	0.001 cd/m <sup>2</sup>		
<b>Measurement Time:</b>	0.20 to 1.0 sec (typical)		
<b>Weight &amp; Size:</b> (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**