

## THE FUTURE OF COLOR CONTROL HAS ARRIVED!

Sekonic C-800 **SPECTROMASTER** Sets New Industry Standards...

Tokyo, Japan – September 26, 2018 – Sekonic Corporation, Light Meter Sales Department, announced today the official release of the SPECTROMASTER C-800.

The new SPECTROMASTER C-800 offers ultra-precise color measuring performance designed specifically for the cine and photographic industries. Developed with the input from leading lighting manufacturers, filmmakers, photographers, and The Academy of Motion Picture Arts and Sciences, Science and Technology Council, the C-800 solves the problems image makers have when understanding color properties of light, and how lights will reproduce colors on camera.

What makes this meter different? The C-800 has more Color Rendering Standards than any other field meter in the industry. It is the first and only meter to include SSI (Spectral Similarity Index) developed by the Science and Technology Council of the Academy. SSI gives the user the ability to set any light as a standard, or use predefined standards (such as CIE D55), and then gives other lights an SSI score based upon how well they will match. The C-800 also includes TLCI (Television Lighting Consistency Index), TLMF (Television Lighting Matching Factor), TM-30-15 (Technical Memorandum) in addition to CRI (Color Rendering Index), which can be measured singularly or in two light comparison mode.

The new **SPECTROMASTER** C-800 takes the great features of the C-700 with the same bold 4.3" touchscreen, and same ability to read LED, HMI, Florescent, Tungsten, Natural Light and Flash from 1,600 to 40,000 Kelvin. Built on its CMOS linear image sensor, the C-800 is capable of measuring in 1 nanometer (nm) increments to detect spikes using fluorescent or LED lighting. With the same ergonomic button layout, swivel head, and built-in dark slide that enables easy use on set and expands on the C-700's color rendering standards, units of measure and memory.

The C-800 now has more color control parameters specifically designed to help match lights to one another. CIE1931 (x, y) has been added, giving users the ability to measure and dial-in specific chromaticity coordinates into lights of some major brands. Hue and Saturation units of measure have also been added to better match RGB LEDs to any light source. In addition, new display screens provide easy interpretation and understanding of the new data fields, making this the best meter for all applications.



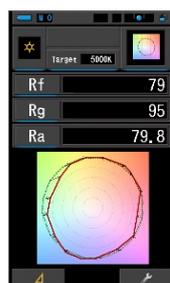
C-800



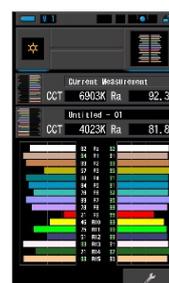
SSI



TLCI/TLMF



TM-30-15



CRI

"The enhancements to the new C-800 show the commitment and importance of end-user input and compatibility with new and growing trends in the color control industry," said Mr. Kenji Sawai, Executive Officer, and General Manager, Sekonic Japan. "The new **SPECTROMASTER C-800** will give filmmakers and photographers increased confidence with lights to render true to life skin tones and realistic color, as well as match lights better than any other meter on the market. The C-800 will empower you to light better."

### Key Features:

- Measures LED, HMI, Fluorescent, Tungsten, Natural Light and Flash, from 380 to 780 nm
- Expanded Color Rendering Properties (CRI, SSI, TLCI, TLMF, TM-30-15)
- Extended Color Control Parameters (Hue/Saturation, CIE 1931 x, y chromaticity coordinate)
- Wide measurement range of Color Temperature (1,600 to 40,000K) and illumination (1 to 200,000lx in ambient light, 20 to 20,500lx · s in flash light)
- User-friendly design: 270 degrees swivel head, dark calibration without a cap, large 4.3" color touch panel LCD and Customize function
- Various displays (Text, Spectrum Graph, Spectrum Comparison, CRI, CRI Comparison, SSI, TLCI/TLMF, TM-30-15, Lighting Filter for Rosco© and LEE©, Camera Filter for Kodak Wratten©, LEE© and Fuji©, Multiple Lights Comparison, White Balance Correction)
- Measurements of Kelvin (K), Illuminance (lux/fc), LB/CC Filters (for Camera Lens or Lighting Filters), LB/CC Index, CRI (Ra, R1 thru. R15),  $\Delta uv$ , SSI, TLCI, TM-30-15(Rf, Rg), CIE1931(x, y), Hue, Saturation
- Up to 99 data measurements can be stored in memory
- C-800 Series Utility (download from [www.sekonic.com](http://www.sekonic.com)) offers easy settings in the meter and analysis of memorized data in a computer

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To learn more about the SPECTROMASTER C-800 series or other light measuring products from Sekonic, visit us at [www.sekonic.com](http://www.sekonic.com)

