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Exhibitor Introduction	ANI is a manufacturer that provides the best solution for the FPD/ Semiconductor industry. Since its foundation in January 2000, ANI has developed FPD/Semiconductor inspection equipment and supplied it to domestic and overseas companies. It has contributed to improving quality of related manufacturers and reducing costs with its competitive edge in customized solutions optimized for customers' needs. Also, ANI has been expanded business area to Optical instruments. (colorimeter, imaging colorimeter, Spectrometer, Spectrophotometer)	
Exhibit Description	**Multi-Angle Spectroscopic Colorimeter: LUKAS-W403S** **1. Reduced Measurement Time** - Spectral information for each viewing angle can be acquired in a single capture through multi-channel simultaneous measurement. **2. Improved Precision and Reduced Impact from Environmental Changes** - Simultaneous measurement minimizes the effects of vibration, temperature changes, and light source fluctuations caused by time	

differences.

3. **Wide Signal Coverage Range Based on HDR (High Dynamic Range)**

- HDR Grab Mode enables control of signal saturation across multiple channels.

4. **Measurement Point Verification**

- The Align View Camera enables real-time verification of measurement points.

Colorimeters: LUKAS-H700 Series (H702, H710, H727M)

1. **The Optical System**

- Aspherical lenses increase light efficiency and reduce low luminance measurement time.
- Increase accuracy of luminance/chromaticity by applying efficient condensing lens system design
- Improvement of filter coating technology improves CIE1931 specification match(f1′<3%)
- Additional system configurations such as aiming LED, alignment vision to be measured, and temperature detection are possible. (Custom)

2. **Circuit**

- Temperature calibration with 2 temperature sensors.
- Apply hardware design that is not affected by noise the external environment. (Analog signal protection circuit)

3. **Instrument (HW)**

- Apply mechanical shutter to achieve perfect blackout condition existing. (1/1,000,000 nit)
- Increased convenience in installing equipments through miniaturization.

<LUKAS-H702 features>

1. Wide-view angle(10°) lens is applied to ensure high sensitivity even at small FOVs.
2. Optimized for white balance and gamma correction for OLEDoS, LEDoS, μLED displays.
3. FOV and acceptance angle can be adjusted by modifying the internal hole size(aperture).
4. The LED(red) illuminates the target, enabling precise alignment of

the measurement target.

5. Using Pritchard system, the measurement optics are configured with no change in sensitivity or performance.
6. luminance accuracy: ±3%, repeatability 2% (@0.1 nit)
7. Chromaticity accuracy: ±0.004, repeatability 0.0015 (@0.1 nit)

<LUKAS-H710 features>

1. Colorimeter of FOV specification widely used in the smart watch and display industry.
2. FOV and acceptance angle can be adjusted by modifying the internal hole size(aperture).
3. Luminance accuracy: ±1%, repeatability 0.55% (@0.01 nit)
4. Chromaticity accuracy: ±0.002, repeatability 0.002 (@0.01 nit)

<LUKAS-H727M features>

1. Colorimeter of FOV standard widely used in mobile and IT displays industries.
2. Optimized for processes requiring multi-frequency gamma correction.
3. Wide-range colorimeter that measures ultra-low luminance (2/10,000 nit) and ultra-high luminance(10,000 nit) without optical system transformation.
4. Luminance accuracy: ±1%, repeatability 0.2% (@0.01 nit)
5. Chromaticity accuracy: ±0.002, repeatability 0.0006 (@0.01 nit)

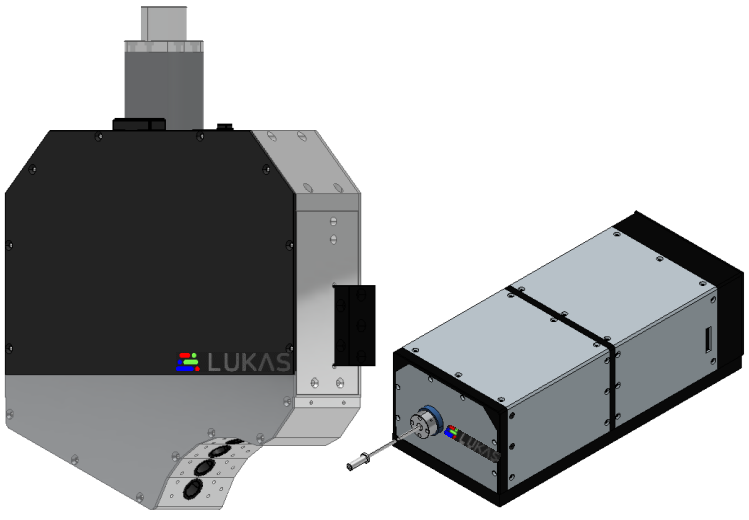
Colorimeters: LUKAS-H702C

1. The Optical System

- The target area (1.8 mm x 1.3 mm) can be photographed to check the target alignment image (VGA class) and the location.
- Increased accuracy of luminance/chromaticity with an internal coaxial optical system configuration in which the object to be measured and the imaging area are matched.
- Can be measured at an accurate distance using captured images.
- Apply the Pritchard system to configure the camera optics without changing the sensitivity and performance of the measuring optics.

2. Instrument(HW)

- Increased convenience in installing equipment through miniaturization.

	2D Imaging Colorimeters: LUKAS-M127S/M151S RF **1. Ultra-High-Resolution 2D Imaging Colorimeter Solutions Featuring Global Shutter and Rolling Shutter** - 2D Imaging Colorimeter with a 151MP rolling shutter sensor, offering high SNR and superior image quality - 2D Imaging Colorimeter with a 127MP global shutter sensor, providing strong performance in challenging measurement environments such as vibration and flicker **2. Spectrometer-Integrated Model (S Model) and Camera-Only Model(N Model)** - M127S RF, M151S RF: Spectrometer-integrated models designed for display inspection applications requiring high accuracy - C127N RF, C151N RF: Camera-only models designed for display compensation, faster measurement, and cost reduction **3. Remote Focus and Multi-WD Algorithm** - Easy focus adjustment without additional FFC **4. Built-in Automatic Neutral Density Filter Switching** - 0.003 nit (0.001 nit for M151S) to 59,000 nit (OLED, 60 Hz)
Exhibit Product	**1. LUKAS-W403S** 

2. LUKAS-H702

3. LUKAS-H710

4. LUKAS-H727M

5. LUKAS-H702C

6. LUKAS-M127S/M151S RF