Company Name	ANI CO., LTD.	**Company Logo**
Address	197-45, Saneop-ro 156beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea	ANI CO., LTD.
President	ByungHae Park	
Website	www.anieng.com / Lukas.kr	
E-mail	lukas@anieng.com	
Telephone	+82-31-831-0344	
Fax	+82-31-831-0399	
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	**Color Spectrophotometer: LUKAS-SPI 3** **An Innovative Solution for Color and Profile Monitoring** The SPI 3 is a high-performance, non-contact system designed to measure color and height simultaneously in real time. Tailored for modern manufacturing environments, it enhances consistency and control with a streamlined, easy-to-use design.	

SPI 3 helps manufacturers improve product quality, reduce variation, and support overall process optimization.

SPI 3 Application Benefits

Continuously monitors color and height to support Good Manufacturing Practices. (GMPs)

Minimizes the risk of color inconsistency and reduces quality-related costs through real-time, in-line inspection Enhances predictability and standardization of quality assurance across production lines.

Key Features

1. Fast, Accurate, and Operator-Friendly Supports high-speed measurement for precise analysis of individual parts in production.
2. Optimized for use on structured, uneven, or non-homogeneous surfaces.
3. Ensures data consistency with laboratory measurements, reducing operator confusion.
4. Easy-to-read, intuitive display for real-time monitoring and simplified operation.

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. (1/1,000,000nit)

- 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% (@0.1nit)
7. Chromaticity accuracy: ±0.004, repeatability 0.0015 (@0.1nit)

<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% (@0.01nit)
4. Chromaticity accuracy: ±0.002, repeatability 0.002 (@0.01nit)

<LUKAS-H727 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(2/10,000nit) and ultra-high luminance(10,000nit) without optical system transformation.
4. Luminance accuracy: ±1%, repeatability 0.2% (@0.01nit)
5. Chromaticity accuracy: ±0.002, repeatability 0.0006 (@0.01nit)

2D Imaging Colorimeters: LUKAS-M631 RF Series (M631W/R RF)

1. Multi-WD Algorithm

- None-linear characteristics compensation algorithm for lenses generated when the lens focus changes depending on the measurement position.

	- Quickly change the working distance without performance reduction or additional recalibration on site 2. Remote Focus - Calibrate distance scales with precision less than 1mm, changeable to accurate focus - Superior positional repeatability, establishing a mechanical accuracy foundation for implementing Multi-WD Algorithm. - Gear method application, design and reliability verification with high reliability. 3. Selection of lenses based on target and target performance - M631W RF: Can measure small to large size(7”~60”), wide range of measurements. - M631R RF: Can measure small to medium size(8”~30”) and measure the luminance/chromaticity distribution of uniformity with high accuracy due to low viewing angle effect compared to M631W RF.

Exhibit Product	**1. LUKAS-H702** **2. LUKAS-H710**

3. LUKAS-H727

4. LUKAS-M631W RF