Photo electron Soul Raises Approximately JPY 900 Million to Accelerate Mass Production and Strengthen Strategic Semiconductor Ecosystem Position

Nagoya, Japan —March 31, 2026 — Photo electron Soul Inc. (Headquarters: Nagoya, Aichi; CEO: Takayuki Suzuki; “the Company”) today announced the successful completion of approximately JPY 900 million in funding through a third-party allotment. This brings the Company’s cumulative funding to approximately JPY 4.0 billion and marks a significant step toward full-scale transition into mass production.

Investors

The round includes participation from the following investors (in alphabetical order):

- Higin Venture Fund No. 3 Investment Limited Partnership (General Partner: Higin Capital Co., Ltd.)
- Hotung Venture Capital Corporation (Hotung Venture Group)
- Shibaura Mechatronics Corporation

This financing follows the initial closing in September 2025 led by Shibaura Mechatronics and further strengthens the company’s shareholder base with strategic investors who have extensive networks in key semiconductor hubs, especially Kyushu (Japan) and Taiwan.

Strategic Rationale and Use of Proceeds

The proceeds will be deployed to reinforce the Company’s long-term competitive positioning through focused investments in the following areas:

- Expansion of mass production and maintenance capabilities for photocathode-based electron beam generation systems.
- Acceleration of R&D in next-generation electron beam applications, including inspection, metrology, and advanced patterning.
- Enhancing global sales and customer support infrastructure to broaden international market reach.

Ecosystem Strategy Through Strategic Partnerships

In addition to its capital alliance, the Company is developing a business partnership with Shibaura Mechatronics to support scalable manufacturing and maintenance of its products, enabling industrial-scale deployment within the semiconductor equipment market.

Furthermore, collaboration with Higin Capital and Hotung Venture Group enhances access to major semiconductor clusters in Kumamoto and Taiwan. These partnerships are expected to accelerate customer acquisition and technology adoption.

Through these strategic relationships, the Company aims to establish itself as a key player within the semiconductor ecosystem, including equipment manufacturers, foundries, and research institutions.

Growth Outlook

Leveraging its proprietary photocathode electron beam technology, the Company positions itself as both an alternative and complementary solution to traditional thermionic and field emission electron sources.

With rising demand for high-precision inspection and metrology at advanced semiconductor nodes, the Company anticipates solid mid- to long-term market growth.

Going forward, Photo electron Soul will focus on building a track record of mass production deployment, advancing joint development with equipment manufacturers, and achieving design wins and standard adoption—laying the foundation for sustainable growth.

About Photo electron Soul

Photo electron Soul Inc., founded in 2015, is a Nagoya University spin-off built on over three decades of pioneering research in semiconductor photocathode technology. The company is the only provider worldwide of industrial photoelectron-beam systems based on semiconductor photocathodes. With a mission, “Creating the industrial future with semiconductor photocathode electron beams,” Photo electron Soul leverages its proprietary beam technology and interdisciplinary innovation to deliver advanced products and solutions. These offerings enable breakthroughs across various sectors, including electronics, life sciences, and engineering.

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