

# *PSS Press Release*



April 22, 2024

Company: Precision System Science, Co., Ltd.  
Representative: Hideji Tajima, President  
(Code: 7707 / TSE Growth)  
Contact: Takakazu Masuda, Director – General Affairs  
Tel: +81-(0)47-303-4800 <https://www.pss.co.jp/>

## **Announcement of the joint sales launch of geneLEAD XXIV, magLEAD 4gC, and magLEAD 12gC LiNK systems**

Precision Systems Science Co., Ltd. (PSS) today announced the launch of three new products:

- I. Fully Automated Sample-to-Result System "geneLEAD XXIV (Product Code: A2240)"
- II. Automated Nucleic Acid Extraction System "magLEAD 4gC (Product Code: A1140)"
- III. Automated Nucleic Acid Extraction System "magLEAD 12gC LiNK (Product Code: A1130)"

These three new PSS flagship products introduce not only the next generation of our well-known magLEAD systems but also a new fully automated geneLEAD sample-to-result system with increased capacity and flexibility to meet customer needs. While retaining the performance and quality of nucleic acid extraction provided by the Magtration® technology <sup>\*1</sup> combined with easy-to-use consumables, the new systems will offer significantly improved processing capacity and operability as well as additional features such as communication of sample information to medical facilities and traceability, to further enhance the efficiency and quality of genetic testing.

Sales of the predecessor product magLEAD 12gC (product code: A1120) <sup>\*2</sup> will end on April 22, 2024.

PSS also announces a close collaboration with the German company Synergy Molecular Diagnostics (SMD GmbH) to develop and produce optimized PCR reagents for use on the geneLEAD systems. This collaboration has already resulted in the development of a new generation of completely lyophilized products (no additional liquid for rehydration needed), which combine the advantages of lyophilized products with high sensitivity and reliability. In addition, these easy-to-use reagents significantly reduce hands-on time and human error. Combining lyophilized reagents with the geneLEAD further enhances a truly walk-away sample-to-result system.

About PSS: Headquartered in Chiba, Japan, PSS develops instruments for in vitro diagnostics. In addition to a proprietary, fully automated nucleic acid isolation system, the company offers multi-purpose magnetic bead-based open-platform instruments, including ready-to-use sample-to-results systems.

About SMD: SMD, headquartered in Goeppingen, Germany, provides reagent solutions for the molecular diagnostics market. SMD is a wholly owned subsidiary of Synergy Diagnostics GmbH, Goeppingen, Germany, a leading provider of medical laboratory diagnostics with a focus on technical laboratory management and process optimization for hospital laboratories.

\*1: PSS's proprietary magnetic-particle control technology. (Technical introduction:

<https://www.pss.co.jp/technology/apit/magtration01.html>)

\*2: For details on this product, contact our Sales Department.

(End of the document)



Product name : geneLEAD XXIV
Product code : A2240
Category : Fully Automated Sample-to-Result System
Number of sample : 1-24 Sample / Batch
Size (W x H x D) : 1100 x 850 x 1650mm
Weight : 350kg
Standard : CE - IVD instrument

Product name : magLEAD 4gC
Product code : A1140
Category : Automated Nucleic Acid Extraction System
Number of sample : 1-4 Sample / Batch
Size (W x H x D) : 445 x 280 x 470mm
Weight : 20kg
Standard : CE - IVD instrument

Product name : magLEAD 12gC LINK
Product code : A1130
Category : Automated Nucleic Acid Extraction System
Number of sample : 1-12 Sample / Batch
Size (W x H x D) : 500 x 535 x 574mm
Weight : 55kg
Standard : CE - IVD instrument