

Nanchang Kingsoon expands production capacity with multiple MOCVD cluster systems from AIXTRON

Chinese manufacturer focuses on GaAs-based LEDs and solar cells

Herzogenrath/Germany, May 24, 2016 – AIXTRON SE (FSE: AIXA; NASDAQ: AIXG), a worldwide leading provider of deposition equipment to the semiconductor industry, announced today that Nanchang Kingsoon, a recently founded Chinese manufacturer of optoelectronic devices, has ordered multiple MOCVD cluster tools to expand manufacturing capacities in the area of gallium arsenide-based red, orange and yellow (ROY) LEDs and solar cells. All systems will be delivered in the course of the year.

Each production cluster consists of two multi-wafer AIX 2800G4-TM reactors with susceptor configurations of 15x4-inch in a recently enhanced system design. Customers such as Nanchang Kingsoon benefit from the platform's maximized device yield and throughput, high precursor and hydride efficiencies as well as from lowest cost per wafer, in a recently enhanced system design.

"We are looking for a quick production ramp-up since market demand for ROY LEDs and solar cell components is picking up recently. Following an exhaustive search of the current MOCVD technologies for GaAs-based processes, we now exclusively rely on AIXTRON's proven and high-performing AIX 2800G4-TM system for our wafer production. Since it is an extremely efficient manufacturing system, we are looking forward to benefit from its low cost of ownership", says Mr. Zhang Yinqiao, General Manager of Nanchang Kingsoon.

Martin Goetzeler, AIXTRON's Chief Executive Officer, comments: "We are particularly pleased about another new partnership with a promising semiconductor manufacturer and we are looking forward to accompany the company's growth in the long run with our technology solutions."

Contact:

Henning Marburger
Investor Relations and Corporate Communications
T: +49 (2407) 9030-3665
F: +49 (2407) 9030-445
communications@aixtron.com

For further information please contact

Corporate Communications
AIXTRON SE, Dornkaulstr. 2, 52134 Herzogenrath, Germany
PHONE +49 (2407) 9030-444 FAX +49 (2407) 9030-445
E-MAIL info@aixtron.de WEB www.aixtron.com

About AIXTRON

AIXTRON SE is a leading provider of deposition equipment to the semiconductor industry. The Company was founded in 1983 and is headquartered in Herzogenrath (near Aachen), Germany, with subsidiaries and sales offices in Asia, Europe and in the United States. AIXTRON's technology solutions are used by a diverse range of customers worldwide to build advanced components for electronic and opto-electronic applications based on compound, silicon, or organic semiconductor materials. Such components are used in a broad range of innovative applications, technologies and industries. These include LED applications, display technologies, data storage, data transmission, energy management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

Our registered trademarks: AIXACT[®], AIXTRON[®], Atomic Level SolutionS[®], Close Coupled Showerhead[®], CRIUS[®], Gas Foil Rotation[®], Optacap[™], OVPD[®], Planetary Reactor[®], PVPD[®], TriJet[®]

For further information on AIXTRON (FSE: AIXA, ISIN DE000A0WMPJ6; NASDAQ: AIXG, ISIN US0096061041) please visit our website at: www.aixtron.com.

Forward-Looking Statements

This document may contain forward-looking statements regarding the business, results of operations, financial condition and earnings outlook of AIXTRON within the meaning of the safe harbor provisions of the US Private Securities Litigation Reform Act of 1995. These statements may be identified by words such as "may", "will", "expect", "anticipate", "contemplate", "intend", "plan", "believe", "continue" and "estimate" and variations of such words or similar expressions. These forward-looking statements are based on our current views and assumptions and are subject to risks and uncertainties. You should not place undue reliance on these forward-looking statements. Actual results and trends may differ materially from those reflected in our forward-looking statements. This could result from a variety of factors, such as actual customer orders received by AIXTRON, the level of demand for deposition technology in the market, the timing of final acceptance of products by customers, the condition of financial markets and access to financing for AIXTRON, general conditions in the market for deposition plants and macroeconomic conditions, cancellations, rescheduling or delays in product shipments, production capacity constraints, extended sales and qualification cycles, difficulties in the production process, the general development in the semi-conductor industry, increased competition, fluctuations in exchange rates, availability of public funding, fluctuations and/or changes in interest rates, delays in developing and marketing new products, a deterioration of the general economic situation and any other factors discussed in any reports or other announcements filed by AIXTRON with the U.S. Securities and Exchange Commission. Any forward-looking statements contained in this document are based on current expectations and projections of the executive board and on information currently available to it and are made as at the date hereof. AIXTRON undertakes no obligation to revise or update any forward-looking statements as a result of new information, future events or otherwise, unless expressly required to do so by law.

For further information please contact

Corporate Communications

AIXTRON SE, Dornkaulstr. 2, 52134 Herzogenrath, Germany

PHONE +49 (2407) 9030-444 **FAX** +49 (2407) 9030-445

E-MAIL info@aixtron.de **WEB** www.aixtron.com