June 10, 2008

Amtech Announces $8.5 Million in New Solar Orders

TEMPE, Ariz.--(BUSINESS WIRE)--

Amtech Systems, Inc. (NASDAQ:ASYS), a global supplier of production and automation systems and related supplies for the manufacture of solar cells, semiconductors, and silicon wafers, today announced that its solar subsidiary, Tempress Systems, Inc., has received $8.5 million in new solar orders for its diffusion processing systems. The solar orders consist of a sizeable follow-on order from an existing customer and initial orders from two new customers, all based in Asia.

"We are very pleased to receive the sizeable follow-on solar order and to expand our solar customer base in the rapidly growing Asia-Pacific region," said J.S. Whang, President and Chief Executive Officer of Amtech. "We believe these orders further demonstrate the increasing acceptance we are seeing for our solar products from our worldwide base of solar customers and prospects. In addition, we will soon launch our new solar PECVD product and begin testing solar wafers with a major customer. While receipt of orders in any given period can be lumpy, as is typical within the capital equipment markets, and we have experienced this in the current quarter, overall industry growth trends remain strong. Thus, consistent with our Q208 earnings release, we continue to anticipate revenue in the range of $71.0 to $75.0 million in fiscal 2008 and are optimistic about the strength of our marketing pipeline and opportunities to grow our solar business in fiscal 2009."

About Amtech Systems, Inc.

Amtech Systems, Inc. manufactures capital equipment, including silicon wafer handling automation, thermal processing equipment and related consumables used in fabricating solar cells and semiconductor devices. Semiconductors, or semiconductor chips, are fabricated on silicon wafer substrates, sliced from ingots, and are part of the circuitry, or electronic components, of many products including solar cells, computers, telecommunications devices, automotive products, consumer goods, and industrial automation and control systems. The Company's wafer handling, thermal processing and consumable products currently address the diffusion, oxidation and deposition steps used in the fabrication of solar cells, semiconductors, MEMS and the polishing of newly sliced silicon wafers.

Statements contained in this press release that are not historical facts may be forward looking statements within the meaning of the Private Litigation Reform Act. Such statements may use words such as "proposed," "anticipate," "believe," "estimate," "expect," "intend," "predict," "project" and similar expressions as they relate to Amtech Systems, Inc. or our management. When we make forward-looking statements, we are basing them on our management's beliefs and assumptions, using information currently available to us. Although we believe that the expectations reflected in the forward looking statements are

reasonable, these forward-looking statements are subject to risks, uncertainties and assumptions including the risks discussed in our filings with the Securities and Exchange Commission. If one or more of these risks materialize, or if our underlying assumptions prove to be incorrect, actual results may vary materially from what we projected. Any forward looking statements contained in this press release reflect our current views with respect to future events and are subject to these and other risks, uncertainties and assumptions relating to our operations, results of operations, growth strategy and liquidity. We have no intention, and disclaim any obligation, to update or revise any forward-looking statements, whether as a result of new information, future results or otherwise.

Source: Amtech Systems, Inc.