



Camtek Ltd.
P.O.Box 544, Ramat Gabriel Industrial Park
Migdal Ha'Emek 23150, ISRAEL
Tel: +972 (4) 604-8100 Fax: +972 (4) 644-0523
E-Mail: Info@camtek.co.il Web site: <http://www.camtek.co.il>

CAMTEK LTD.

Mira Rosenzweig, CFO
Tel: +972-4-604-8308
Mobile: +972-54-9050703
mirar@camtek.co.il

IR INTERNATIONAL

CCG Investor Relations
Ehud Helft / Kenny Green
Tel: (US) 1 646 201 9246
camtek@ccgisrael.com

CAMTEK RECEIVES ORDER FOR MULTIPLE WAFER INSPECTION SYSTEMS

MIGDAL HAEMEK, Israel – August 19, 2010 – Camtek Ltd. (NASDAQ and TASE: CAMT) ("Camtek"), announced today that it received follow-on order for multiple wafer inspection systems from a major Asian IDM (Integrated Device Maker). The systems will be installed during the third and fourth quarters of 2010.

The order, totaling over \$3 million dollars, includes several systems for 2D & 3D inspection and metrology of bumped wafers.

Mr. Roy Porat, Camtek's General Manager, commented, "Leading IDMs continue to select Camtek's Falcon systems as part of their QA process, to ensure the delivery of top quality products to their end users. This order represents the confidence that our customers have in Camtek, as a leading provider of state of the art technology for 2D & 3D inspection and metrology for all applications including, the very demanding, TSV and micro-bump applications."

Mr. Porat added, "We are very pleased with this order and will make all efforts to continue providing the right solutions to meet our customers' inspection requirements along with our usual top quality` customer service and support."

ABOUT CAMTEK LTD.

Camtek Ltd provides automated solutions dedicated for enhancing production processes and yield, enabling our customers new technologies in two industries; Semiconductors, Printed Circuit Board (PCB) & IC Substrates.

Camtek addresses the specific needs of these industries with dedicated solutions based on a wide and advanced platform of technologies including intelligent imaging, image processing, ion milling and digital material deposition. Camtek's solutions range from micro-to-nano by applying its technologies to the industry-specific requirements.

This press release is available at www.camtek.co.il.

This press release may contain projections or other forward-looking statements regarding future events or the future performance of the Company. These statements are only predictions and may change as time passes. We do not assume any obligation to update that information. Actual events or results may differ materially from those projected, including as a result of changing industry and

market trends, reduced demand for our products, the timely development of our new products and their adoption by the market, increased competition in the industry, price reductions as well as due to risks identified in the documents filed by the Company with the SEC.