

## Jordan Valley Semiconductors Ltd. Receives \$10M in Capacity Repeat Order for its JVX6200



### VISIT US AT SEMICON WEST, July 2010, Wafer Processing Booth #2607

MIGDAL HAEMEK, Israel, June 24, 2010 Sales momentum continues as Jordan Valley Semiconductors Ltd. (JVS), a leading supplier of advanced process control X-Ray based metrology systems for the manufacturing of semiconductors and high brightness LED, announced today the receipt of a \$10M capacity order of multiple JVX6200i Metrology tools from a tier one semiconductor manufacturer.

Isaac Mazor, CEO and President of Jordan Valley Semiconductors Ltd. noted "This capacity order further validates our customers' continued confidence in Jordan Valley's X-ray metrology to meet their advanced process control requirements."

#### About the JVX6200i(TM) production metrology tool

The JVX6200i(TM) was designed for high volume production metrology with full automation, high throughput, high uptime and low COO.

The JVX6200i(TM) is a multi-channel metrology tool for advanced semiconductors FEOL, BEOL and Wafer-level Packaging (WLP) applications. The popular configuration is XRF (X-ray Fluorescence) and XRR (X-Ray reflectance) for FEOL (Hi-K, Metal gate, SiON and ACL applications) and BEOL (Cu Seed Barrier, Cu CMP and UBM applications). New WAXRD (Wide Angle X-ray diffraction) configuration is targeting metrology of advanced metallization structures with in-line capabilities of monitoring grain size, texture and phase of the seed/barrier and Cu or W metal structures.

#### About Jordan Valley Semiconductors Ltd. <http://www.jvsemi.com>

Jordan Valley Semiconductors Ltd. (JVS), the leader in X-ray metrology solutions for advanced semiconductor fabs, develops and supplies superior metrology equipment for quality control of thin films based on rapid, non-contacting and non-destructive X-ray technology. The company offers the Semiconductor Industry the most comprehensive array of tools, based on advanced XRR, XRF, HRXRD, WAXRD and other technologies, ideal for both product or blanket wafers. For the HBLEED manufacturing market, JVS offers fast and economic HRXRD tools for process quality control. this niche was added in 2008, through Jordan Valley's acquisition of U.K.-based Bede Ltd.

Jordan Valley's investors include Clal Industries and Investments Ltd. (TASE: CII), Intel Capital (NASDAQ: INTC) and Elron Electronics Industries Ltd. (ELRN). With headquarters in Migdal Haemek, Israel, the company has offices in Durham, United Kingdom and Austin, Texas, USA, as well as representatives worldwide.

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