



## **Press Release Photonics West 2009**

Evatec, home of the industry standard Balzers BAK optical coater is announcing significant expansion of its product offering to the optical thin film market in North America at Photonics West 2009

Evatec will build and continue to develop the Satisloh PDS plasma source for deposition of enhanced optical coatings at its facility in Switzerland making it widely available to the optical coating community. "We found the PDS to have significant production advantages over other sources in the market" explains Evatec Product Manager Patrick Good "Its capability for large areas, combined with low running costs, simple installation and maintenance make it a really cost effective solution for volume production

Evatec will also announce the availability of the dedicated MSP optical thin film sputter system . Already proven but unavailable to the open market till now, the system has proven mass production capability for hard, dense optical coatings with superior optical, temperature and environmental stabilities . Proprietary cathode technology, combined with insitu plasma and broadband optical monitoring allow cut on / off tolerances of better than +/- 1%. Evatec Technical Director Marco Padrun. added that high deposition rates and high uniformity could both be achieved without the need for internal uniformity masks, eliminating one of the main sources of particles associated with many traditional sputtering systems.

Evatec CEO, Andreas Waelti commented that the new products enabled Evatec to offer leading capability in the deposition of optical thin films to complement its existing position in the semiconductor market.

### About Evatec

As home of the Balzers BAK, Evatec delivers complete process solutions for thin film deposition and etch to the optical and semiconductor industries around the globe. With a technology portfolio now including enhanced evaporation and new sputter systems Evatec engineers are able to offer practical production advice from R&D to prototyping and mass production.

### **For more information**

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