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DIAMOND NEWS

OGI SYSTEMS LAUNCHES NEW X-RAY TECHNOLOGY MACHINE

28.05.09, 11:13 / [Israel](#)

OGI SYSTEMS Ltd. has launched a new state-of-the-art x-ray machine – OGIREX -for automatic mapping and evaluation of the inclusions in a diamond without using liquid for coating purposes or the need to open windows. OGI Systems announced that it will unveil the innovative technology during the Las Vegas Show 2009.

OGI notes that the new technology represents a revolutionary development and a landmark in the field of the polished and rough diamonds manufacturing and marketing.

The revolutionary X-Ray technology provides complete and exact mapping of the pique- inclusions within the stone.

The X-Ray system automatically analyses the carbonized particles in the stone and displays them in a graphic and visual mode. The results are transmitted into the OGIMAP-software for complete planning and evaluation of the optimal polished diamond that the manufacturer will produce out of the rough diamond.

Another advanced system is the GEMscribe, a user friendly laser inscribing system used on gemstones for any conceivable purpose from branded inscriptions to personal dedications.

GEMscribe is able to inscribe even on a set gemstone. The system also includes a unique re-inscription option in order to repair errors. GEMscribe marks all shapes including squares.

The company's advanced Zvi Yehuda ColoriMeter machine grades diamond color in less than five seconds. The system interfaces with the OGITender Portable Rough Analyzer and automatically transfers all data into the OGI ROUGH software to calculate and estimate the optimal yield and price according to the measured color of the rough stone.

The OGIphoto helps to evaluate and display the best hearts & arrows images. These H&A images can be implemented /printed on certificates or sample cards.

By: Lior Modlin

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