

NEWS

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OGI Systems to showcase new systems at JCK Las Vegas

Systems are for measuring light reflection, measuring and grading brilliant polished diamonds

By: Diamond World News Service

OGI Systems Ltd., a leading company offering technological solutions for the diamond industry, will be participating at the forthcoming JCK Las Vegas Show at Booth B6664, and has lined up new innovative systems to showcase, including: –

Scanox H.D

This system has been built as the ultimate solution to measuring and grading of brilliant polished diamonds and finds applications in labs that require maximum accuracy during the scanning process of the diamond. It works on a High Resolution Digital Camera and helps achieve a perfect 3D model, with sharpest and clearest results of the diamond images and details of proportions, symmetry and extra facets and consistency in diamond measurement. This system supports all of OGI's proportion software, such as Facet Pro, RECator, FireTrace, GIA Facetware, NEW HRD and Zale's Celebration.

MEGAFire

This has been built for the analysis and evaluation of the light reflection of the diamond. It measures the diamond and determines how much "life" it has in it, with Ray-Tracing Technology, based on data. The factors on the diamond facet that are considered are: total depth, table size, crown angle, crown height, pavilion angle, pavilion depth, lower-half, star length and culet. The tool allows a scientific method to sort stones based on their level of Light-Reflecting properties. The use of the MEGAFire instrument is the first stage in the process of estimating the degree of light reflection contained in the diamond. If one intends to upgrade the brightness of the stone, it is possible to undertake a new evaluation of the stone, until obtaining perfect light reflection. An additional option is the use of the light performance technology found in the OGI rough stone software, which permits maximum evaluation of the rough stone. In other words, optimum weight and optimum light reflection can be obtained when the diamond is still in a rough condition. All of OGI's customers will be able to upgrade their existing machines at cost price.

OGI also plans to introduce an innovative technology for enhanced jewelry marketing, and plans to explain its usage to jewelry dealers with hands-on learning about its added-value features.

JCK Las Vegas show is slated between June 3-6, 2011.