

IGI Analyzes Record 150 carat Rough Lab Grown Diamond

NEW YORK (Feb 1, 2022) - The International Gemological Institute (IGI), the world's largest independent gemological laboratory, recently analyzed the heaviest known rough diamond crystal ever to be grown in a laboratory.

Produced by biotechnology company Meylor Global, the record setting blue crystal weighs 150.42 carats and measures 28.55 x 28.25 x 22.53 mm. A second gray crystal weighing 141.58 carats and measuring 28.90 x 28.50 x 20.75 mm, was also analyzed by the institute.

These crystals were produced using the HPHT process, which replicates and accelerates natural growth. Both of them surpass the previous known record of 115 carats established in September, 2020, also by Meylor Global.

"The acceleration of technology in the lab grown diamond sector is significant," said IGI Senior Director of Education, John Pollard. "In addition to record-setting weights, they're type IIb crystals, a semiconducting category associated with diamond-based electronics. At IGI we're seeing new benchmarks from the world's most advanced producers in jewelry applications and beyond."

Video and photos of the 150.42 ct crystal [can be seen here](#).

Video and photos of the 141.58 ct crystal [can be seen here](#).

About IGI

The International Gemological Institute (IGI) has 20 laboratories and 14 education facilities in major diamond and jewelry centers around the world. For 45 years, IGI has provided the fine jewelry community and consumers with a broad range of services including natural and laboratory grown diamond reports, colored stone grading and origin reports, as well as jewelry identification and appraisal reports. With the increase of lab grown diamonds in the marketplace, IGI screens millions of natural and lab grown diamonds in order for the industry and consumers to receive the product they expect. Regardless of location or marketplace, an authentic IGI Laboratory Report is the common language of trust and confidence in the gemological world.

About Meylor Global

Meylor Global is an international supplier of lab grown diamonds. Produced using the HPHT process, their inventory includes weights from 0.01 to 20.00 carats, offered in a broad range of colorless and fancy-colored options. Meylor Global's polished lab-grown diamonds are graded to the same specifications as natural diamonds and accompanied by Diamond Grading Reports from leading independent laboratories.

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