NANOJEWEL

Product

Jewellery with holographic nanostructure

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation

Innovative laser nanostructuring technology for jewellery.

HoloRing is a technology startup that is bringing breakthrough innovations to the world of jewelry. Our goal is to bring laser micro and nanostructuring technologies from the scientific realm to commercial applications. We create jewelry with extraordinary details, holographic effects and a high degree of personalization. Our products are the result of a combination of cutting-edge laser technology, artificial intelligence and precision design.

Unique selling points:

- The use of femtosecond lasers enables micro- and nano-structuring with an accuracy of tens of thousands of millimetres, thus surpassing traditional industrial methods.
- The only manufacturer in the world to apply holographic nanostructuring technology to jewellery, bringing a unique visual dimension to it.
- The integration of artificial intelligence tools for creating designs allows customers to co-create unique and personal jewellery.
- Laser technology eliminates the need for additional adjustments, reduces production costs and minimizes material losses.

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