

LZR Engraver Nano



Applications

- ✔ Engravings on rings, bracelets, medallions and flat surfaces
- ✔ Engraving of photographs, names, designs and logos, including trademarks
- ✔ Engravings on watch faces and eyewear of any metal material

The Orion Nano Engravers were developed by incorporating the research and innovations of the Engraver series but with a goal of offering a high-quality laser at a more affordable price.

Similar to the Engraver series, the Nano products are also built using a ytterbium-doped fiber optics and offer the same low environmental impact and low maintenance (up to 50,000 working hours).

They can be used on any metal to engrave text, photographs, logos, and markings. The maximum marking area ranges from 65x65mm to 180x180mm depending on the lens. The standard lens offers a 110x110mm working area with a resolution of 20µm.

The engraving machine is small, with a fully accessible working chamber thanks to the absence of closures and hatches. There are two available models with either 10W or 20W of maximum output power. Maneuvering pieces and configuring setups is very fast and easy, however, unlike the Engraver series, the z-axis is not motor driven and must be adjusted manually. To help position the z-axis the engraving machine has an innovative and intuitive focusing system with overlapping laser pointers. The engraver can also be equipped with a video camera for optimization of the processing, and for possible remote assistance.



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