

WELDING



ENGRAVING



CASTING



MILLING

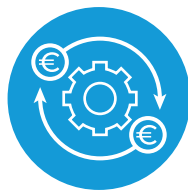


RR Pico allows to engrave without changing the material structure. The result is an accurate and clean engrave without edge and burned material. The high-precision scan head and the custom focal lens allows to focalize the laser beam and obtain a spot diameter of 0.01mm. The very short duration of the laser pulse (1-3 picoseconds) avoids the metal overheating and permits to work near resins and other heat-sensitive materials.



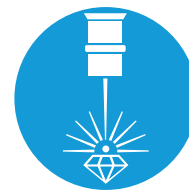
SAVING TIME AND RESOURCES

RR Pico doesn't create edge and burned material during the engraving session. A sanding specialist is no more required, saving time and money.



WASTE REDUCTION AND COST OPTIMIZATION

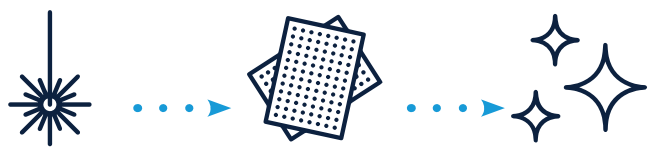
Skip the sanding process brings down the material loss, very important in case of precious metals, and optimize the production costs.



FLEXIBILITY

RR Pico allows to engrave directly on finished and rhodium-plated products, avoiding further processing. It's possible to engrave serial numbers, trademarks and other designs just before packing.

TRADITIONAL MARKING

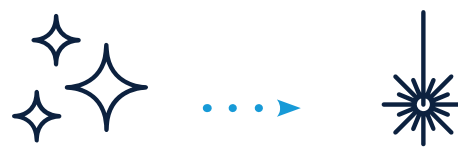


MARKING

SANDING

POLISHING

RR PICO MARKING



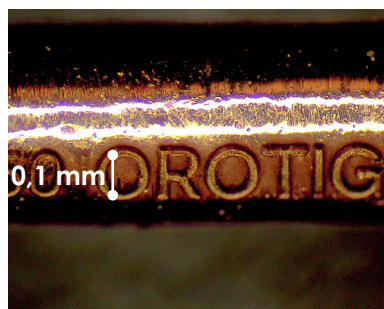
POLISHING

MARKING

TECHNICAL DATA

LASER SOURCE TYPE	Multi-diode pumped fiber (Yb) laser (Class 4)
WAVELENGTH	1030 nm
POWER	50 W
WORK SURFACE DIMENSIONS	355 x 320 mm
WORKING AREA	57 x 57 mm
POWER SUPPLY	Single-phase, 230±10% VAC, 50/60 Hz
COOLING SYSTEM	Forced air and water cooling system
MAXIMUM POWER CONSUMPTION	1000 W
DIMENSIONS	540 x 970 x 2000 mm
WEIGHT	80 Kg

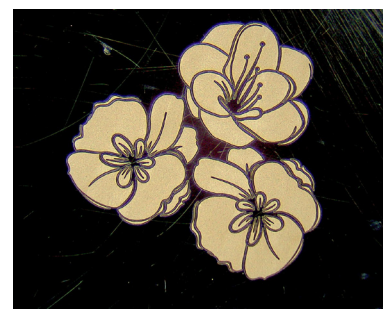
APPLICATIONS



MARKING ON PINK GOLD



MARKING ON BRASS



MARKING ON SILVER

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