

MARKING AND CODING SOLUTIONS

Single, local source for core components, innovative sub-systems, and application engineering support for reliable marking and coding solutions.



EXTENSIVE EXPERTISE IN MARKING & CODING

Novanta develops advanced components and sub-systems for digital marking and coding applications through its industry leading brands Synrad and Cambridge Technology.

Our unique product range and engineering expertise from laser source through beam delivery offers Original Equipment Manufacturers (OEMs) and system integrators seamless solutions, even for the most complex marking and coding challenges.

High performance CO₂ lasers, coupled with reliable, field-proven beam steering components are engineered to meet a wide range of marking and coding applications for industrial, electronic, and medical products and packaging. Intelligent sub-systems combine advanced components with software and controls delivering extreme precision and reliable performance tailored to our customer's demanding applications.

PERFECTLY MATCHED SOLUTIONS

LASERS & BEAM DELIVERY

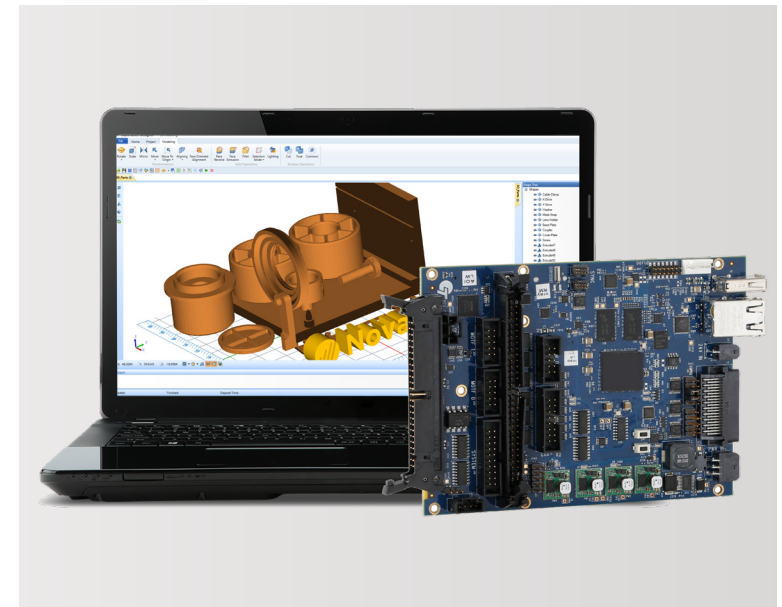
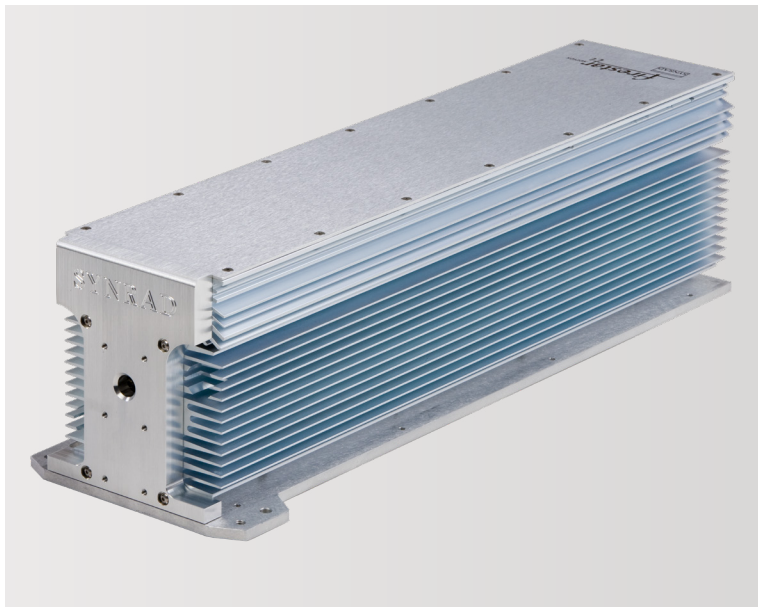
Our marking and coding solutions are matched perfectly to provide a high performing laser marking system featuring flexibility and productivity improvement.

Flexibility - digitally controlled Novanta components and sub-systems can produce graphics, text, numbers, dates, barcodes, UPCs, QR codes, and graphic patterns on a wide variety of materials and products. Cambridge Technology galvanometer

sets and scan heads are configurable and work with a variety of laser sources. Seamless software and controllers connect laser sources to beam delivery systems to enable laser marking on both flat and 3 dimensional surfaces for added versatility. Combined, these components offer quick, easy, reliable marking and coding sub-systems from Novanta.

Productivity Improvement - once installed digital systems require little maintenance, and can save countless hours of

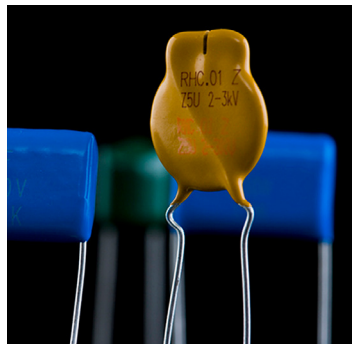
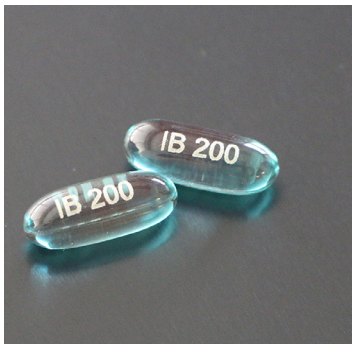
downtime associated with maintenance, change-overs, and set-ups common with traditional marking and coding systems.



NOVANTA DIFFERENCE

Novanta offers a unique selection of compatible components and integrated sub-systems to provide key benefits for machine builders including:

- Zero contact with the target material
 - Can be applied to curved or contoured surfaces
 - Digital control enables on-the-fly changes
 - Lower operating costs - no consumables, and very little required maintenance
- High speed capability, suitable for high volume processing and production lines
 - Crisp, clear imagery, and text
 - Wide range of type fonts and sizes
 - Permanent marks that will not smear or rub off
 - Wide range of materials, including challenging materials like polyurethane foam and glass



APPLICATION AND PROOF-OF-CONCEPT TESTING

Our local Applications Testing Labs offer application and proof-of-concept testing to local OEMs, providing laser processing expertise that will determine the key product parameters and processing know-how to achieve the desired results.



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