



## Development of new UV laser for customization at industrial level through high quality marking on different materials (UV-Marking)

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## Development of new UV laser for customization at industrial level through high quality marking on different materials (UV-Marking)

Project co-financed by the European Union under the 7th Framework Programme for Research and Technological Development

Zaragoza, Spain, October 1<sup>st</sup>, 2012 - The UV-Marking project was launched with the **main objective** of developing a **new laser system in the ultraviolet wavelength** used for **high quality aesthetical marking in different materials** (glass-ceramic, ceramic and plastics). It will demonstrate that **unitary customization** will be possible at the end of UV-Marking project. A new SW application will be developed so that real customers can create their own designs at home, and send them to the factory to be marked in real products. **Industrialization** is a must, and therefore the laser system will be integrated into an industrial process to demonstrate its feasibility in a real scenario.

With the support of key worldwide companies and academic partners, UV-Marking project has a large reach network and strong exposure to relevant players and markets. The UV-Marking consortium is formed principally by industrial partners. It covers the whole value chain of UV-laser marking with high level experienced entities. The consortium gather the principal industrial actors involved in marking: final user (BSH), laser developer (ROFIN), material and additives developers (ILVA, TORRECID, WIRTHWEIN, MERCK), research centres expert on both material and laser giving scientific knowledge of the laser-marking process (University of Zaragoza, ICMA), and a software developer expert on industrial integration software (U-Marq).

The success of UV-Marking project will provide UV-laser advantages for aesthetic marking into production of European key industries, by improving both materials and UV laser systems. The project results will introduce high flexibility as it will be possible to mark at the end of a process. This will reduce stock levels (of similar pieces only with aesthetic differences), increase marking options for customization, reduce time to market of new and modified products, improve quality, delivery time, etc.

For more information and contact please visit project web site: [www.uv-marking.eu](http://www.uv-marking.eu)

Any work or result described in this deliverable is either genuinely a result of UV-Marking project. Any other source used for its creation has been properly referenced.