LASIT

UDI LASER MARKING SYSTEM

Laser marking systems for medical industry

UDI (**unique device identification)** is a global system that was developed to assign a unique identifier to medical devices. The origin of UDI is the United States and was signed into law, as part of the Food and Drug Administration Amendments Act of 2007(FDA). Also in Europe a mandatory UDI-system is / will be implmened and is defined with in the Medical Device Regulation (MDR).

Why perform laser marking on medical devices [DPM]?

Laser marking on medical devices also known as Direct Part Marking is currently the **most requested technology for the application of UDI codes,** as it offers the highest standards in terms of safety and durability over time compared to any alternative.

Furthermore, **laser marking** is undoubtedly the type of marking **that most reduce the risk of errors** and which can carry out small size (0.5X0.5 mm) **Datamatrix codes** that are perfectly legible on particularly small devices.

- Compliance with quality standards
- Optimisation of replacement times
- Improved efficiency and standardisation of instrument sets
- Analysis in the event of loss or theft thanks to localisation

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