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Press Release

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Low power CO2 Lasers Add Crisp, Permanent Marks to Medical Devices

Medical devices are frequently required to display clearly visible identifying information on them, such as lot and date codes, order numbers, and other manufacturing or personal data. Due to the life-and-death nature of the industry, permanent, traceable, yet sterile marks are essential. This makes laser marking an attractive option, as it produces a permanent mark, unlike various ink printing methods that can eventually rub away, causing the loss of critical data and the potential for leaving contaminants.

Many marking and coding applications can be accomplished with a low power CO2 laser. Laser Lines offers the Synrad 48-1, 10W laser, and the *firestar v30*, 30W models, which are ideal for marking everything from plastic tubing and implantable devices, to glass vials and paper packaging. Designed for OEMs, they are easily integrated into machinery, and provide a permanent means of identifying products without the use of hazardous inks, chemicals, or other consumables. The flexibility of software-controlled laser marking enables users to change data on every piece that is marked.

In addition to marking and coding, Synrad lasers are finding a number of cutting, drilling, and welding applications in the medical device industry.



This plastic medical tubing was marked with our 48-1, using just 5W of power.

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