



Universal systems for laser processes

MODOMark: 2D & 3D marking and engraving

MODOWeld: direct and remote welding

UV, Pico, Infrared, CO₂, CW and QCW sources available

Modularity and precision



MODOWeld

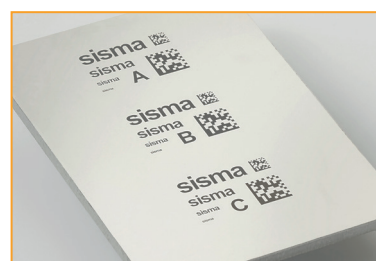
with integrated **robot** for marking and welding processes



MODOWeld
for welding processes



MODOMark
for marking processes



High precision laser systems, chain making machines and additive manufacturing.

SISMA is a worldwide reference in the design and production of extremely high precision machinery and laser systems. Headquartered in Italy, SISMA can count on a worldwide network of distributors and subsidiaries. Established in 1961, SISMA can boast an extensive experience with more than 150 models of automatic chain making machines. Today at the forefront in the development of laser solutions, SISMA has been able to extend its know-how to marking, welding, cutting, engraving and additive manufacturing. Innovative by vocation, SISMA combines an independent and state of the art center of excellence for design and engineering with a highly efficient production facility to ensure always the highest product quality and a prompt response to market changes.

SISMA S.p.A.

Headquarters:

via dell'Industria, 1 – 36013 Piovane Rocchette (VI) Italy
tel. (+39) 0445 595511 – info@sisma.com

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001 • ISO 14001
ISO 45001

Subsidiaries:

SISMA Arezzo (Italy)

Via Piero Gobetti 25, 52100 Arezzo (Italy)
info@sisma.com

SISMA DEUTSCHLAND GmbH (Germany)

Hauptstraße 2, 91463 Dietersheim (Germany)
info-de@sisma.com

SISMA MEA (Turkey)

Kuyumcukent, Zemin Kat, 5. sk., no. 23 Yenibosna,
Bahçelievler, Istanbul 34180 (Turkey)
info@sisma-mea.com

SISMA LASER SYSTEMS S.A. DE C.V. (Mexico)

Parque Rio Grijalva 25, casa 3 Col. Cuauhtemoc,
Delegacion Cuauhtemoc – 06500 Mexico D.F. (Mexico)
marketingmexico@sismalasersystems.com

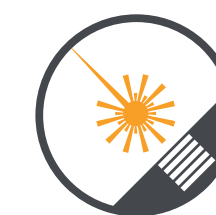
SISMA LASER ESPAÑA s.l. (Spain)

Ctra. Castellar 541, 08227 Terrassa, Barcelona (Spain)
info@sismalaser.es

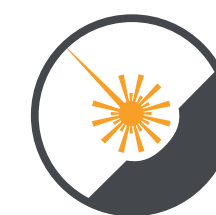
SISMA USA INC. (U.S.A.)

30 Chapin Road, Suite 1205, 07058 Pine Brook (NJ – U.S.A.)
info-usa@sisma.com

Medical



**Laser
welding**



**Laser
marking**



**Laser &
Automation**



www.sisma.com

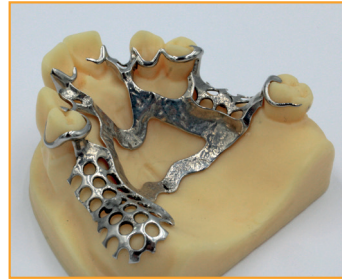




Laser welding

LM-B / LM-C

Manual and automatic welding systems
Precision and ease of use



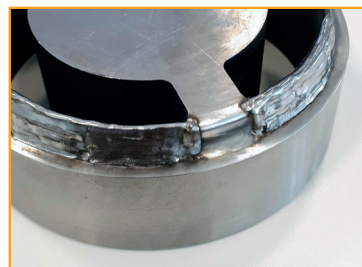
LM-D

Desktop manual laser welding systems
Practicality and small size



SWT

Manual and automatic welding systems
Versatility and compactness



Laser marking

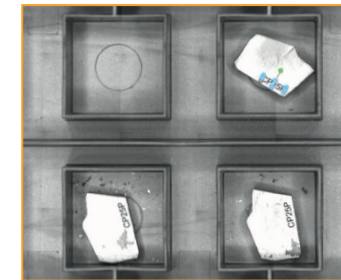
SMARK

Laser marking and engraving system
Infrared and CO₂ sources available
Compactness and flexibility



SART

Laser marking and engraving system
with rotating table
Infrared, CO₂ and UV sources available
Productivity and ergonomics



BSP + WH6 CBot

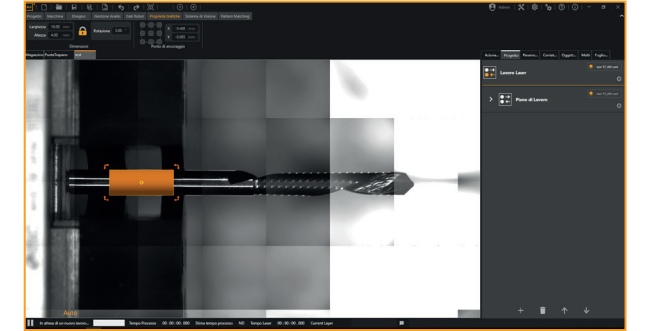
Laser marking station with 6-pallet automated storage
and collaborative robot
Nanosecond and **Picosecond** sources available
Precision and autonomy of use



Laser marking

SISMA software SLC³

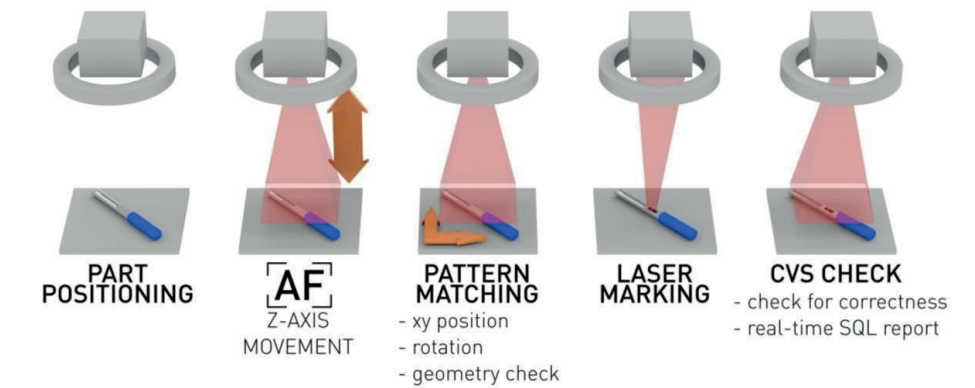
The SLC³ control software for Sisma laser marking systems offers unique features to make UDI traceability marking easier and safer. The UDI code is generated via manual or automatic input, while the software constantly communicates with the company database via SQL queries. The software supports user levels with different authorizations; for example, one user level is able to set up new projects, while others can only recall existing ones and have limited or no access to process parameters.



Sisma turnkey solution for UDI medical marking

UDI carrier	1D code	2D code	Pros & cons
GS1	 (01) 1 8032089 00123 3 (10) A-123	 (01) 0 8032089 00456 5 (17) 180525 (10) L987 (21) 345	↑ Requested by many hospitals ↓ Numerical data only
HIBCC	 *\$\$52001510X3GD*	 *A123BJC5D6E71/ \$\$52001510X3C*	↑ Alphanumeric data ↓ May require a large labeling area

Laser marking is highly automated thanks to the CVS (Coaxial Vision System) and the Pattern Matching software.



Process automation ensures repeatability of results and plays a fundamental role in the production of medical devices. Reducing errors and cycle times reduces production costs and increases safety.