



Kentigen

The Art of Industrial Testing



MARKER STATIONS

product catalogue

KEYENCE MARKING OPTIONS

3-AXIS LASER MARKERS

FIBER

- Metal, plastic and ceramics
- Excellent metal engraving applications

UV

- Damage-free, contrast marking
- Robust solution for changing raw materials
- Built-in camera 2D code reading
- Autofocus function

HYBRID

- Metal, plastic and marking of ceramics
- Thin films and foils and general marking applications
- Built-in camera for reading 2D codes
- Autofocus function

CO2

- Paper, plastic, glass and ceramics
- Special materials, such as thin foils machining

EXAMPLES OF THE USE OF LASER MARKERS



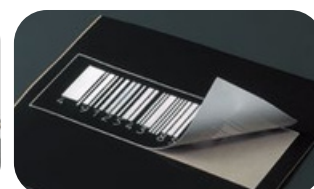
**Vehicle body frames
(deep engraving)**



Medical tubing (silicone)



Edged tools (black-annealed marking)



Partial cutting of labels



Engine blocks



Switch covers (PP)



Molded packages (BGA)



PCBs

KEYENCE has been growing steadily since 1974 and has become a rising star in the development and manufacturing of automation equipment worldwide. Its product portfolio includes laser markers, automation sensors, measuring instruments, camera systems, and digital microscopes.

Today, KEYENCE serves more than 200,000 customers in nearly 100 countries, where its name is synonymous with innovation and excellence. KEYENCE has been an industry leader in laser marking since the early 1990s, pioneering high-speed, precision processing with the introduction of the first three-axis lasers.

KEYENCE has been an industry leader in laser marking since the early 1990s, pioneering high-speed, precision processing with the introduction of the first three-axis lasers. The company has set industry standards for unrivaled marking quality in Fiber, UV, YVO4, and CO2 laser marking systems.

With years of experience and deep application knowledge, KEYENCE continues to develop cutting-edge laser marking solutions that exceed customer expectations.



ABOUT US

Kentigen s.r.o was founded in 2013. The core of our expertise has long been the automation of quality control. We specialize in building automatic testing machines (EOL, HIL, 2D and 3D cameras, ...) in manufacturing plants and R&D centers.

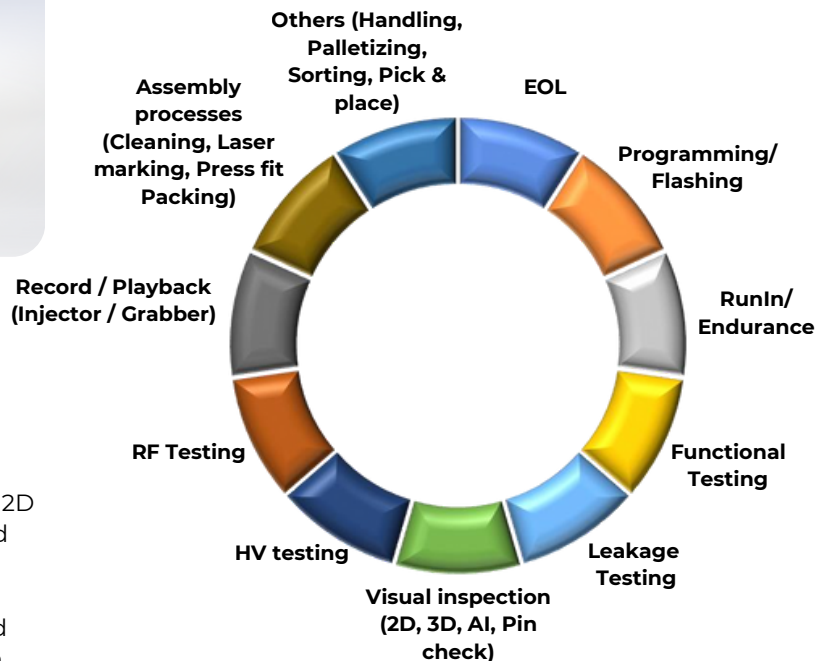
We test for large manufacturing companies and component suppliers. If you do not choose from our wide range, our R&D team will design a customized solution for you.

We believe in a balanced combination of automation and human labor. We look for places where the deployment of a machine is more efficient and valuable than human labor.

WE BUILD MACHINES FOR AUTOMATED QUALITY CONTROL

- specification of requirements
- production of machine
- support during test production
- aftersales service
- assistance in adapting to other production

OUR SCOPE



LASER MARKING KENTIGEN – PRECISE SOLUTIONS FOR INDUSTRY

Kentigen offers advanced laser marking that delivers high quality, consistent results on a wide range of materials. Our technology delivers precision, speed and efficiency, making it ideal for marking parts, components and products in demanding industrial applications. Our laser systems help you achieve optimal productivity while minimizing costs and ensuring long-term durability of your markings.

AUTOMATED MEASUREMENT AND TESTING KENTIGEN

Kentigen specializes in the development of automated test and measurement systems for industry. It offers solutions for End of Line testing, electronics inspection, device programming, and 2D and 3D camera inspections. Kentigen technologies ensure high accuracy and efficiency of production processes, thereby contributing to the quality and reliability of final products.

MARKER STATIONS



KG-LM-500



KG-LM-1000



KG-LM-2000

DESIGNATION	Tabletop	Standalone	Standalone
SIZE	600 × 750 × 900 mm	900 × 1200 × 2000 mm	1500 × 1500 × 2000 mm
MARKABLE AREA	330 × 330 mm	330 × 330 mm	from 330 × 330 mm up to customizable
DOOR OPENING	Manual	Manual	Manual / Automatic (Optional)
INSPECTION WINDOW SIZE	300 × 300 mm	300 × 300 mm	300 × 300 mm
ELECTRICAL SUPPLY	230 VAC, 16 A	230 VAC, 16 A	230 VAC, 16 A
WEIGHT	80 kg	200 kg	350 kg
ENCLOSURE	Sintered sheet steel	Sintered sheet steel	Sintered sheet steel
FUME EXTRACTION (SUCTION SYSTEM)	External (Optional)	Integrated	Integrated
SURFACE MARKING	Single	Single	Multi
MARKING QUALITY CHECK	Optional	YES	YES
FULLY AUTOMATED LOADING/UNLOADING	NO	Optional	Optional



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ANY QUESTION ABOUT MACHINE? CALL US

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SCAN TO SAVE CONTACT TO OUR CEO

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