Panasonic Industry Europe GmbH

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**Improved speed and precision: Panasonic Industry presents the new Laser marking system LP-RH**

On-the-fly marking at high speeds is only one of the comprehensive features of the LP-RH series

Munich, March 2024

The new LP-RH CO2 laser marking systems are specially designed for industries with particularly high demands on speed and functionality and are available with 10W, 20W, and 30W output.

They offer a remarkable improvement in marking and processing quality. Thanks to the ultra-fast galvanometer scanner, they can mark moving objects on-the-fly up to a conveyor speed of 240m/min.

With their small laser beam diameter, some models are particularly suitable for marking small components with extremely fine markings. Due to their shorter wavelength of 9.3μm, some models are ideal for marking transparent plastics such as PET or PC. The CO2 laser also makes it possible to mark organic materials such as paper and wood.

**A seamless workflow is essential**

The start-up time has been significantly reduced from 90 to 15 seconds to increase work efficiency and avoid unwanted production interruptions.

Thanks to the newly integrated motor, engraving achieves impressive homogeneity, speed, and precision compared to the previous series. The marking field of this series is up to 160x160 mm, and a new scanning method for Data Matrix Codes reduces cycle times by up to 40% without any loss in quality.

**Improved focus for precise alignment**

With our latest innovation, fine adjustment of the focusing setting is child's play. The working distance can be easily adjusted from -/+ 3 mm without moving the laser head. This function guarantees precise alignment and makes fine adjustment much easier, making work processes more efficient.

The updated PC software Laser Marker NAVI smart presents a user-friendly interface that simplifies maintenance history management. The NAVI smart software also informs you immediately when maintenance is required so that your system always remains in optimum condition.

To learn more about the new LP-RH series, please visit [LP-RH | Panasonic Industry Europe GmbH](https://industry.panasonic.eu/products/automation-devices-solutions/laser-marking/laser-marking-products/lp-rh)

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 **About Panasonic Industry Europe GmbH**

Panasonic Industry Europe GmbH is part of the global Panasonic Industry organization, one of the five major operating companies within Panasonic Holding. Panasonic Industry Europe provides products and services for industrial customers all over Europe.

Panasonic Industry Europe is committed to enabling customers to achieve their goals in a broad range of industrial sectors such as mobility, infrastructure, automation, medical, appliances, smart living, and security. With the know-how of devices and solution technologies, cultivated through a global mindset and over a century of tradition, Panasonic Industry collaborates closely with customers to create a sustainable future.

Panasonic Industry Europe’s broad and diverse product portfolio encompasses key electronic component sectors including electromechanical and passive components, batteries and other energy products, sensors and wireless connectivity modules, thermal management materials and custom solutions, as well as automation devices & solutions.

More about Panasonic Industry Europe: [http://industry.panasonic.eu](http://industry.panasonic.eu/)

**About the Panasonic Group**

Founded in 1918 and today a global leader in developing innovative technologies and solutions for wide-ranging applications in the consumer electronics, housing, automotive, industry, communications, and energy sectors worldwide, the Panasonic Group switched to an operating company system on April 1, 2023, with Panasonic Holdings Corporation serving as a holding company and eight companies positioned under its umbrella.

The Group reported consolidated net sales of Euro 59.40 billion (8,378.9 billion yen) for the year ended March 31, 2023. To learn more about the Panasonic Group, please visit: <https://holdings.panasonic/global/>

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