Press release

Dürr and HSM debut new low-pressure spray gun

New low-pressure spray gun for color changes in just a few seconds without the need for solvents

Bietigheim-Bissingen, September 05, 2023 – A new low-pressure spray gun makes color changes much faster and easier. Dürr and HSM Lackiersysteme partnered to develop a new technology: a rapid-change system for the color channel, the spray gun is ready to use again within seconds after changing colors without solvents. This feature is ideal for the car repair sector, where small-batch painting is standard.

Like all Dürr low-pressure spray guns, the latest model, the **Eco**Gun ACE, has a robust design well suited for industrial use. It provides a demonstrably exceptional spray pattern with excellent application efficiency and simplifies color changing with quick exchange injector nozzles. A particularly robust and spill-proof cup system from HSM Lackiersysteme enhances the new product.

The cup system incorporates both a safety lock and a soiling guard, to ensure good legibility of the measuring scales at all times. The highlight of the new spray gun is an innovative, rapid-change system for the color channel, resulting in significant time and cost savings. The product is well-suited for applications in various areas such as woodworking, vehicle paintwork repairs, and yacht and boat building applications.

Rapid-change color channel system results in significant time and solvent savings

Previous feed cup spray guns are equipped with a cup that holds paint. When it’s time to change color, the cup must either be flushed and refilled or replaced with a new cup containing the appropriate color. In addition, all the channels that carry color between the cup and nozzle require flushing to prevent paint contamination or commingling. This process is very time-intensive and requires solvent use. This new spray gun features an innovative system that enables much faster color changes. This system replaces the entire color channel, including the nozzle, quickly and easily, so the spray gun is ready for use again within a few seconds for time savings of 90% compared with conventional low-pressure guns. It even makes solvent use obsolete.

**Optimal for industry sector and adjacent areas**

“In partnership with HSM, we are pleased to offer a very user-friendly product that sets new standards for low-pressure guns,” reiterates Ulrich Tautz, Senior Sales Manager of Industrial Products at Dürr. “Our spray guns will make painting easier, particularly for applications such as woodworking or the car repair sector where varnishing jobs with small amounts of varnish and lots of color changes are the norm.” The spray gun is distributed directly by Dürr and its partners.

Find more information about this product at [ace-spe-system.de/en/durr](https://ace-spe-system.de/en/durr).

**Pictures**



**Picture**: The highlight of the technology is a new quick-change system for the color channel, resulting in significant time and cost savings.

The Dürr Group is one of the world's leading mechanical and plant engineering firms with extensive expertise in automation, digitalization and energy efficiency. Its products, systems and services enable highly efficient and sustainable manufacturing processes in different industries. The Dürr Group primarily supplies the automotive industry, producers of furniture and timber houses as well as the chemical, pharmaceutical, medical devices and electrical engineering sectors. It generated sales of €4.3 billion in 2022. The company has about 19,000 employees and 123 business locations in 32 countries. The Dürr Group operates in the market with the brands Dürr, Schenck and HOMAG and with five divisions:

* **Paint and Final Assembly Systems:** paint shops as well as final assembly, testing and filling technology for the automotive industry, assembly and test systems for medical devices
* **Application Technology:** robot technologies for the automated application of paint, sealants and adhesives
* **Clean Technology Systems:** air pollution control, coating systems for battery electrodes and noise abatement systems
* **Measuring and Process Systems:** balancing equipment and diagnostic technology
* **Woodworking Machinery and Systems:** machinery and equipment for the woodworking industry

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