

High precision volumetric spray dispensing system

Description

preeflow® eco-SPRAY technology brings exceptional levels of accuracy, repeatability and precise edge definition to micro-spray dispensing tasks. The combination of the **preeflow** positive displacement volumetric pump and a low-flow spray chamber guarantees high performance spraying of low to high viscosity fluids. This volumetric spray dispensing system provides a superior level of process reliability because viscosity variations in the liquid do not affect the spray output.

The **eco-SPRAY** can be used in both batch and continuous operations, and is readily integrated into **automation/robotics**. Applications include dosing, coating, micro-nebulisation, lubrication and marking. The spray control allows precise volume per unit area uniform coatings, or the application of pre-defined quantities, and deals with problems associated with conventional spray dispensing, e.g. overspray or soft edges.

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Cost savings ensue from spraying materials such as greases, adhesives, inks, silicones, activators/primers, coatings, bio-technology and pharmaceutical liquids, due reduced waste,

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controlled spray area and higher process reliability.

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