

Festo Pressure Vacuum Generator Wins Innovation and Design Awards

The PGVA is the all-in-one solution for generating regulated, filtered air for flow control of liquids in lab devices.

The new **Festo PGVA** pressure/vacuum generator has won Gold in *Machine Design* and *Hydraulics & Pneumatics* magazines' IDEA! innovation awards competition and a Silver in the *Design World* magazine LEAP design engineering awards program.

The tiny PGVA from Festo, only a little larger than a paperback book at 8x8x3-inches, makes it possible for automated laboratory devices to precisely control liquids for R&D into new life saving drugs and for high-speed sample screening. This pressure/vacuum generator is an all-in-one solution. Pressure is supplied by a quiet 50db pump and stored in internal pressure and vacuum cells at 450mbar pressure and vacuum. Air is filtered to 0.001µm purity. Flow is servo controlled by a fast, silent, and energy efficient piezoelectric regulator. Communication with the unit is through RS 232 or TCP/IP.

The PGVA was voted by the readers of *Machine Design* and *Hydraulics & Pneumatics* as the Gold award winner in the motion (flow) control category. A *Design World* magazine panel of outside judges awarded the Silver to the PGVA in the pneumatics category.

For more information on Festo LifeTech solutions – dispensing liquids, controlling gases, handling and gripping vials Email lab.automation.us@festo.com and visit [Festo Laboratory Automation](#). Visit [Biotech](#), [Pharmaceuticals](#), and [Cosmetics Automation](#) for information on everything from process valves, control of gases to Industry 4.0 solutions. The Festo general information number is 800-993-3786.

Immagini stampa



PGVA

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Responsible
according to press
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Christian Österle



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