

ULVAC

ULVAC Introduces High Performance, Low Cost, Compact LS Series of Dry Screw Pumps

Methuen, Massachusetts - ULVAC Technologies, Inc. (www.ulvac.com) has introduced the LS series of dry screw pumps as a high performance, more compact and lower cost replacement to multi-stage dry Roots pumps for a wide range of vacuum applications. With four pumping speeds from 120 to 1,000 m³/h, the LS series provides high pumping speed, compact size and low power consumption in a low cost package.

The ULVAC LS pump features a pair of conical shaped, variable pitch, deeply machined steel screws that allow the pump to be 1/3 shorter in length and 1/3 lighter in weight than other screw pumps in the same pumping speed class. This advanced screw design also increases the pumping speed near atmospheric pressure, allowing the LS pump to deliver a 20% faster pump down time while using less power. Power consumption is no more than 0.6 kW upon reaching ultimate pressure. A specialized built-in silencer reduces the noise level to not more than 61 dB(a). The lighter weight and smaller size of the LS series pumps compared to other dry pumps makes them excellent candidates for easy retrofits. When repairs are needed, cost and time is half that of a typical multi-stage Roots dry pump.

About ULVAC Technologies, Inc.

ULVAC Technologies, Inc. is a leading supplier of production systems, instrumentation, vacuum pumps and components for the semiconductor, MEMS, solar, flat panel display, research, automotive, medical, electrical, and refrigeration industries. ULVAC Technologies is a subsidiary of ULVAC, Inc., which is made up of more than 50 group companies engaged in most sectors of the vacuum industry.

For more information, contact Evan Sohm at ULVAC Technologies, Inc., 401 Griffin Brook Drive, Methuen, MA 01844; phone: 978-686-7550, fax: 978-689-6300; www.ulvac.com; email: esohm@us.ulvac.com.

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