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## **VALCOR INTRODUCES NEW MICRO PUMP SERIES WITH REDUCED ENVELOPE, MULTIPLE CONFIGURATIONS**

SPRINGFIELD, NJ - Valcor Scientific, a division of Valcor Engineering Corp. has just introduced its new SV700 Series of inert, solenoid operated pumps. Celebrating its 50th year, Valcor Scientific has been a leader in the design and manufacture of a broad range of pumps and valves for analytical chemistry, biomedical, medical instrumentation, and light industrial applications.

Valcor's new SV700 Series of micro pumps are only 3" high, with a diameter of 1.10", and offers a dispense volume of 50 to 250 ul. Specifically designed to meet the demandsss of the instrumentation marketplace, the SV700 can reliably dispense small volumes of low-density fluids with a low wattage solenoid (5.3 watts). The selection of standard materials of construction allows for a wide range of fluid compatibility.

Typical applications for Valcor's new SV700 Series are dispensing reagents in clinical instrumentation, dispensing dilutants in analytical instrumentation, dispensing lubricants in various other industry-specific applications.

The SV700 Micro Pumps are manufactured with a glass-filled polypropylene pump head, and EPDM or Viton Elastomers. They are available with a variety of fluid connections including: 1/4 - 28 flat bottom ports, tube stubs, and a surface mount manifold configuration. Available in both 12 and 24 VDC, the standard electrical connection is 10" TFE insulated flying leads. Amp and Molex connections can be provided.

Valcor's SV700 series of Micro Pumps was specifically designed to be user friendly in both its ease of installation and settability. Several configurations of the SV700 Micro Pump Series are being offered, all versions based on a core group of components. This allows for ease of field service and conversion between both elastomeric compounds and port configurations. The SV700 Micro Pumps feature:

- Small size to meet market demands
- Compatibility with wide range of fluids and standard materials
- Positive shut-off to prevent siphoning when not in use
- Easy to set required dispense volumes

For more information on the SV73 Series and other Valcor Scientific products contact: Valcor Scientific, 2 Lawrence Road, Springfield, NJ 07081, or call: 973-467-8400, Fax: 973-467-9592, or visit our website at [www.valcor.com](http://www.valcor.com).