



Large Volume Inlet Liners

*(Pat. Pend.)

PRODUCT DATA

Large volume inlet liners are designed for the injection of liquid samples, typically 5-100µL and larger. The liners are constructed with a sintered glass inner surface capable of trapping and holding the entire dissolved liquid sample.

The liners utilise programmable temperature injection techniques where solvent can be vaporised and vented from the injection port leaving the components of interest. As heating continues solutes are concentrated onto the capillary column.

- **Needle guide system to protect needle and glass surface**
- **Eliminates problems associated with quartz wool packed LVI liners**

APPLICATIONS

The LVI liners consist of a specially prepared internal sintered glass wall which can hold large volumes of liquid sample without flooding of the injector. Larger volume injection volumes (typically 5-100µL) will improve detection levels by up to 20 times allowing ppb and ppt levels of components of interest to be detected. This is of great benefit in the environmental and pharmaceutical/drug screening area as levels of active components are often below the detection of all instruments.

UNIQUE ADVANTAGES

- **Improves sensitivity/detection levels**
- **Reduces sample preparation procedures**

ORDERING INFORMATION

<i>Description</i>	<i>Part No.</i>
LVI liner for Gerstel CIS-4 injector (Pkt 5)	092243
LVI liner for Perkin Elmer PSS injector (Pkt 5)	092244
LVI liner for Varian 1078 injector (Pkt 5)	092245



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