

ICL Precision™ Dispenser & Flow Cell Adapter

The ICL Precision™ Dispenser has been designed for use in a broad range of analytical applications requiring a simple low cost means of dispensing fluids with extreme accuracy – better than 1%. The Precision™ Dispenser can handle volumetric dispensing of aqueous solutions, solvents and acids. The units feature low dead volume valveless piston action and synchronous motor drives.



All PTFE surfaces eliminate the concern of cross contamination. Cleaning is easy using the three position Forward-Off-Reverse switch for control of flow direction; simply back flush the system with solvent in the reverse mode and you are ready for your next sample.

The Precision™ Dispenser has the capability to function in a single fill or continuous mode, permitting the user to perform static or flow-through analysis. The three speed motor assembly provides a choice of 150, 300 or 600 strokes per minute in the continuous mode by means of a simple belt change. Dispense range is from 0 to 100 microliters. The Precision™ Dispenser comes complete with a PTFE pump kit.

An optional connector kit with male luer lock adapters is available to connect to standard IR liquid cells and flow through top plates for horizontal ATR's (see Basics™ Constant Purge™ Horizontal ATR). The connections system consisting of luer locks, PTFE tubing, nuts and Tefzel® ferrules can be used to convert any standard IR liquid cell into a flow cell (to convert a liquid cell to a flow cell order Catalog No. 0007-5139 with the dispenser; if not ordered with a dispenser or for extra flow cells, order 0007-5139 and either 0007-5137 or 0007-5138). The convenient finger tight connections offer assured seals and facilitate quick and easy assembly or disassembly. When using sealed liquid cells such as the ICL Model SL-3 (pictured with the Precision™ Dispenser), ICL recommends pathlengths 0.1mm or greater.

Electrical: 110VAC, 60Hz, 8.5watts, synchronous 150, 300, 600rpm with a 3 prong power cord. RFP for 220VAC. Dimensions: 5" x 5" x 4" wide. Shipping Weight: 6 lbs.

0007-5137 **1/16" OD x 1/32" ID PTFE Tubing Kit for ICL Precision™ Dispenser**

0007-5138 **1/8" OD x 1/16" ID PTFE Tubing Kit for ICL Precision™ Dispenser**

- 0007-5134 Precision™ Dispenser 0-50 Microliters with PTFE Tubing Kit**
- 0007-5135 Precision™ Dispenser 0-100 Microliters with PTFE Tubing Kit**
- 0007-5139 Male Luer Lock Adapters for ICL Precision™ Dispenser, pk/2**
- 0007-5140 PTFE Tubing 1/16" OD x 1/32" ID x 10 Feet for ICL Precision™ Dispenser**
- 0007-5141 Delrin® Nuts for 1/16" OD Tubing, pk/10 for ICL Precision™ Dispenser**
- 0007-5142 Tefzel® Ferrules for 1/16" OD Tubing, pk/10 for ICL Precision™ Dispenser**
- 0007-5143 PTFE Tubing 1/8" OD x 1/16" ID x 10 Feet for ICL Precision™ Dispenser**
- 0007-5144 Delrin® Nuts for 1/8" OD x 1/16" ID Tubing, pk/10 for ICL Precision™ Dispenser**
- 0007-5145 Tefzel® Ferrules for 1/8" OD Tubing, pk/10 for ICL Precision™ Dispenser**



JASCO France
17 Rue des Cerisiers
91090 Lisses - France

Tél. 01 64 97 09 60 Fax: 01 85 09 90 76
email: jascofrance@jascofrance.fr