

Micro HPLC pH Flow Through Cell



The Micro HPLC pH Flow Through Cell is specially designed for use with HPLC, FIA, and Column Chromatography. This flow cell consists of a 50µl cell chamber with a 1 ml/min flow rate.

The cell utilizes a special fast responding combination electrode with an annular ceramic reference junction.

The special construction of the flow cell delivers quick stable pH measurement. Eliminated are problems of slow response and instability that exist with most flat membrane electrodes usually found in chromatography monitoring. The response time of the electrode is 95% in 7 seconds.

Cell construction is acrylic with 1/16" O.D. stainless steel tubing for tube connections.

The electrode comes complete with fixed 5ft. cable (1.5m) and choice of connector. Longer lead lengths of 10ft (3m) and 20ft (6m) are also available.

A matching conductivity flow cell is available on special order.

FLOW CELLS

50 Microlitre HPLC Flow Through Cell:

1001008 HPLC Flow Through Cell with acrylic body. Cell volume 50µl, 1/16" O.D. tubing connections, temperature range -5° to 80°C. (Order electrode separately).

ELECTRODES

Electrodes For 1001008:

- 5743500 Combination pH electrode with sealed Ag/AgCl reference chamber; annular ceramic junction; low profile pH membrane.
Dimensions: 12mm O.D. x 80mm length, 4mm O.D. electrode tip, 0-13pH, -5° to 80°C.
- 5743900 Combination pH electrode with sealed, Hg/Hg₂Cl₂ reference; annular ceramic junction; low profile pH membrane.
Dimensions: 12mm O.D. x 80mm length, 4mm O.D. electrode tip, 0-13pH, -5° to 80°C.
- 5743700 Sealed combination double junction pH electrode. Internal electrolyte bridge of 4M KCl, saturated with silver chloride. Sealed outer reference electrolyte bridge of 1M KNO₃. Annular ceramic reference junction, low profile pH membrane.
Dimensions: 12mm O.D. x 80mm length, 4mm O.D. electrode tip, 0-13pH, -5° to 80°C.



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