

# Advanced Liquid Sampling Cells

## Liquid Cells GS20500 Series volumes

(Rectangular windows - top drilled, bottom undrilled)  
 Mylar spacer 0.006 mm thick - 1.60 microliters  
 Mylar spacer 0.012 mm thick - 3.25 microliters  
 Mylar or lead spacer 0.025 mm thick - 6.80 microliters  
 PTFE or lead spacer 0.05 mm thick - 13.50 microliters  
 PTFE or lead spacer 0.10 mm thick - 27.00 microliters  
 PTFE or lead spacer 0.20 mm thick - 54.00 microliters  
 PTFE or lead spacer 0.50 mm thick - 135.00 microliters  
 PTFE or lead spacer 1.00 mm thick - 270.00 microliters

N.B. Please note that the figures produced are for an approximate volume of liquid contained between the window faces only. It does not include any extra amount of liquid that may be contained in the filling port sections of either type of liquid cell.

## ordering information

### GS20500\* NaCl Sealed Heatable Liquid Cell

(Specify pathlength, from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm)

### GS20501\* KBr Sealed Heatable Liquid Cell

(Specify pathlength, from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm)

### GS20502\* CaF<sub>2</sub> Sealed Heatable Liquid Cell

(Specify pathlength, from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm)

### GS20503\* BaF<sub>2</sub> Sealed Heatable Liquid Cell

(Specify pathlength, from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm)

### GS20508\* ZnSe Sealed Heatable Liquid Cell

(Specify pathlength, from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm)

### GS20510\*\* NaCl Demountable Heatable Liquid Cell

(Specify pathlength, from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.25, 0.5 and 1.0mm)

### GS20511\*\* KBr Demountable Heatable Liquid Cell

(Specify pathlength, from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.25, 0.5 and 1.0mm)

### GS20512\*\* CaF<sub>2</sub> Demountable Heatable Liquid Cell

(Specify pathlength, from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.25, 0.5 and 1.0mm)

### GS20513\*\* BaF<sub>2</sub> Demountable Heatable Liquid Cell

(Specify pathlength, from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.25, 0.5 and 1.0mm)

### GS20519\*\* ZnSe Demountable Heatable Liquid Cell

(Specify pathlength, from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.25, 0.5 and 1.0mm)

\* Includes a complete cell with front plate, top lead gasket, top window, lead spacer (choice of pathlength) and bottom window all sealed together.

\*\* Includes a complete cell with front plate, top PTFE gasket, top window, PTFE or Mylar spacer (choice of pathlengths) and bottom window that can be separated from each other.

## Windows for Liquid Cells

GS20520 Pair of NaCl windows

GS20521 Pair of KBr windows

GS20522 Pair of CaF<sub>2</sub> windows

GS20523 Pair of BaF<sub>2</sub> windows

GS20596 Pair of ZnSe windows

GS20598 Pair of Spec B (UV) windows

## Spares and Consumables for Liquid Cells

GS20040 10 off Front PTFE Gaskets

GS20060 10 off Rear PTFE Gaskets

GS20050 PTFE and Mylar Spacers Assorted

(2 each of 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm)\*\*\*

GS20070 10 off PTFE and Mylar Spacers (select from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm)\*\*\*

GS10030 Flushing Tube Kit

GS10040 Threaded Luer Fitting

GS10050 10 off Syringe Needles

GS10060 2 off Stainless Steel Plugs

GS10070 10 off PTFE Sealing Washers

## Heatable Cell

GS20539 Heatable Liquid Static Cells ESK



\*\*\* Please note that 0.006, 0.012 and 0.025mm spacers are only available in Mylar while all other sizes are in PTFE only.