



Liquid



Advanced Liquid Transmission Cells

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Range of liquid FTIR transmission cells

Specac offers a range of Advanced Liquid Transmission Cells in sealed, demountable, static, and flow configurations to allow liquid samples to be studied at temperatures other than ambient.

A choice of window materials allows for spectral analysis in the UV, Visible, NIR, and IR.

Controlled temperature FTIR cells

These cells are intended for use with Specac's transmission cell holders to achieve the required temperature conditions, namely:

- Electrical Heating Jacket
- Variable Temperature Cell Holder
- Water Heating Jacket
- Ambient Cell Holder

Rugged FTIR liquid cells

All Specac Advanced Liquid Transmission Cells are rugged stainless steel constructions for ongoing reliability, and include a thermocouple well for in-situ temperature monitoring.

Given the complex range of options available for this product, it is best to view the datasheet listed below in the Resources tab below for complete information.

Request a quote for Advanced FTIR Transmission Cells

For an Advanced FTIR Transmission Cell price, [contact us for a free quote](#).

[READ LESS](#)

STATIC

VARIABLE TEMP

NON VARIABLE TEMP

STATIC CELLS

All



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Sealed Static Cell – NaCl windows

Sealed, Heatable Liquid Cell Complete with NaCl windows and lead spacer (specify pathlength from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20500



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Sealed Static Cell – KBr windows

Sealed, Heatable Liquid Cell Complete with KBr windows and lead spacer (specify pathlength from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20501



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Sealed Liquid Cell – CaF2 windows

Sealed, Heatable Liquid Cell Complete with CaF2 windows and lead spacer (specify pathlength from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20502



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Sealed Static Cell – BaF2 windows

Sealed, Heatable Liquid Cell Complete with BaF2 windows and lead spacer (specify pathlength from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20503



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Sealed Static Cell – ZnSe windows

Sealed, Heatable Liquid Cell Complete with ZnSe windows and lead spacer (specify pathlength from 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20508

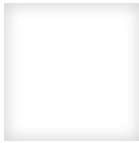


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Demountable Static Cell – NaCl windows

Demountable, Heatable Liquid Cell Complete with NaCl windows and Mylar or PTFE spacer (specify pathlength from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20510



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Demountable Static Cell – KBr windows

Demountable, Heatable Liquid Cell Complete with KBr windows and Mylar or PTFE spacer (specify pathlength from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20511

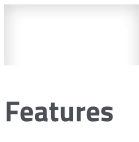


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Demountable Static Cell – CaF2 windows

Demountable, Heatable Liquid Cell Complete with CaF2 windows and Mylar or PTFE spacer (specify pathlength from 0.006, 0.012, 0.025, 0.05, 0.1, 0.2, 0.5 and 1.0mm).

GS20512



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Features

- Rugged stainless steel construction
- Choice of window materials
- Sealed and demountable cell options
- Static and flow cell options
- Can be used for heated and cooled sample analysis

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