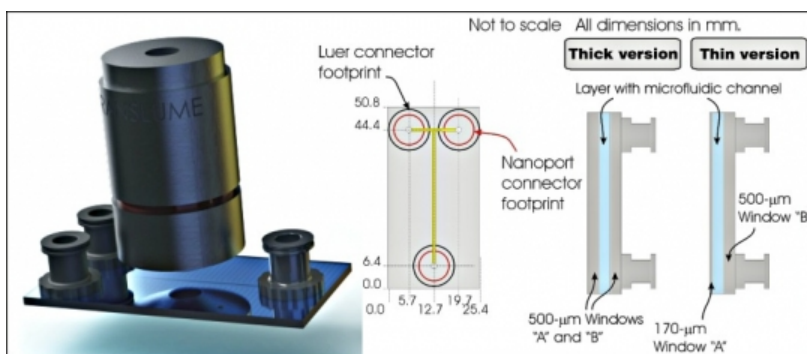


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## FLOW CELLS WITH T-CHANNEL

A fused silica flow cell with two input ports connected via a straight channel to one output port. As with all of our standard fused silica flow cells, this model has microfluidic channels with optically clear (transparent) ceiling and floor.

These flow cells are available with or without connectors:

- Without connectors -- part number ends with -N
- With Luer connectors -- part number ends with -L
- With UpChurch Nanoport connectors -- part number ends with -U

\*\* Please note that the bonding agent may extend beyond the connector footprint

Not sure what connectors you need? The following article ["What type of connectors should I order?"](#) may help you.

Available in several channel widths and channel depths, thin or thick version

## SPECIFICATIONS:

### MATERIAL AND FABRICATION

- Made from high-quality [Fused Silica Glass](#)
- Made from three fused silica layers thermally fused together

### FLOW CELL BODY:

- 2" long x 1" wide
- Graduated reticle (1mm spacing) running perpendicular to channel
- Available in "Thin" or "Thick" version:
  - The Thin version has a 500 $\mu$ m-thick optical quality window on the top (same side as connectors) and 170 $\mu$ m-thick optical quality window on the bottom.
  - The Thick version has 500 $\mu$ m-thick optical quality windows on both the top and the bottom. Select desired version in table below.

### MICROFLUIDIC FEATURES:

- Microfluidic channel with nearly vertical walls and flat bottom
- Channel Ceiling: Flat, Transparent (Optical quality)
- Channel Floor: Flat, Transparent (Optical quality)
- Channel Width: Select from table below (100 micron, 300 micron)
- Channel Depth: Select from table below (250 micron, 500 micron)
- Fluid Connectors: Select from table below (None, Luer, Upchurch)

Select the flow cells you want to purchase from the table below and [forward your selection to our Sales department](#)

Standard T-Channel Flow Cells						
Channel Width (micron)	Channel Depth (micron)	Window A thickness (micron)	Connector Type	Part Number	Availability	Unit Price (\$)*
100	250	500	None	TF-100250-500-N	1 day	\$394
100	250	500	Luers	TF-100250-500-L	3 days	\$454
100	250	500	Upchurch	TF-100250-500-U	1 Week	\$614
100	250	170	None	TF-100250-170-N	2 Weeks	\$454
100	250	170	Luers	TF-100250-170-L	2 Weeks	\$514
100	250	170	Upchurch	TF-100250-170-U	3 Weeks	\$674
300	250	500	None	TF-300250-500-N	1 day	\$394
300	250	500	Luers	TF-300250-500-L	3 days	\$454
300	250	500	Upchurch	TF-300250-500-U	1 Week	\$614
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300	500	170	Upchurch	TF-300500-170-U	3 Weeks	\$674

\* Prices do not include shipping, handling, taxes, or duty (where applicable)

*Standard T-Channel Flow Cells*

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