

# Choose Your Column/Fluid Heater

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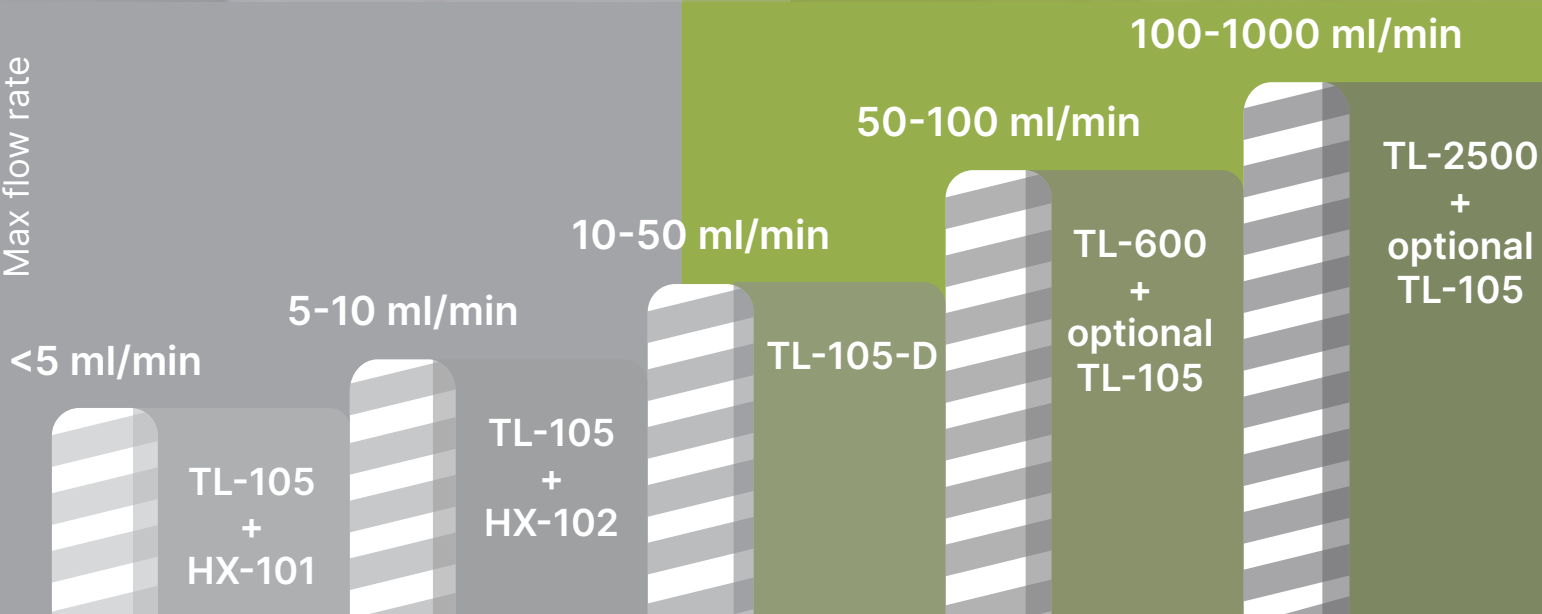


Analytical



Semi-Prep/Prep

Max flow rate



## Benefits:

**Column Heaters:**  
(TL-105, TL-105-D)  
(HX = Heat Exchanger)

Built-in heat exchanger to preheat mobile phase

Extra-large heated cavity

Accommodates internal or external injection valves

Easy access to heated cavity

**Mobile Phase Heaters:**  
(TL-600, TL-2500)

Compact & Convenient

Replaces Water Baths

Safe and Efficient

Analytical

Semi-Prep/Prep

## Instrument Details:



### TL-105 Column Heater

The TL-105 provides stable and accurate temperature control, reproducible retention times, and stable baselines for temperature sensitive detectors. A built-in heat exchanger preheats the mobile phase and reduces temperature gradients within the column, improving chromatographic efficiency.

^^ High temperature versions or longer column heater lengths are available.^^



### TL-105-D Column Heater

For higher flow rates, the TL-105-D Column Heater with Dual Temperature Control, allows for independent temperature control of both the column and the mobile phase.



### TL-600 Mobile Phase Heater

Timberline's mobile phase heaters are used to heat the mobile phase before it enters a semi-preparative or preparative HPLC column for enhanced column efficiency, improved retention time reproducibility, and higher yields.



### TL-2500 Mobile Phase Heater

Similar in design to the TL-600, the TL-2500 heats mobile phases with flow rates above 100 ml/min.

For more information, visit [www.timberlineinstruments.com](http://www.timberlineinstruments.com) >>>