

QuickFit™ VersaHeat™ R

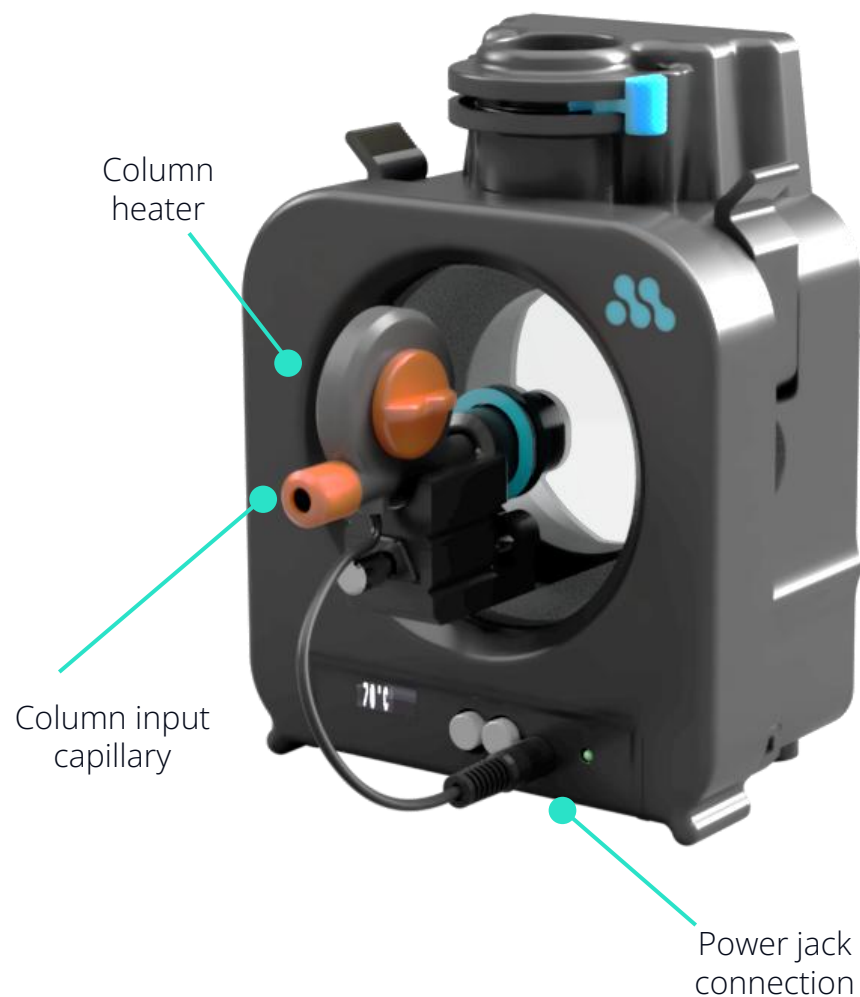
Compact Column Heater for Nano & Capillary Columns

VersaHeat™ R delivers reliable, plug & play column heating for standard nano and capillary LC

Its compact, circular design fits tightly around low flow columns, while the integrated EASY-Spray™ jack enables direct power and temperature control, no external hardware required.

Thermally optimized for high-efficiency separations, VersaHeat R improves retention time stability, accelerates wash cycles, and ensures reproducibility across temperature-sensitive LC-MS workflows.

Fully compatible with Bullet emitters and a wide range of column formats including EVOSEP™, PEPSEP™, and any other Thermo Scientific™ single and double nanoViper (U)HPLC columns, making it ideal for proteomics, metabolomic setups





Key Benefits

Feature

Montara Biolabs Quickfit VersaHeater R

Temperature Range RT to 80°C in 1°C increments

Temperature Stability $\pm 0.6^\circ\text{C}$

Temperature Accuracy $\pm 0.5^\circ\text{C}$

Heating Performance 25-60°C in 1 min

Cooling Performance No active cooling

Column Dimensions Up to 50 cm

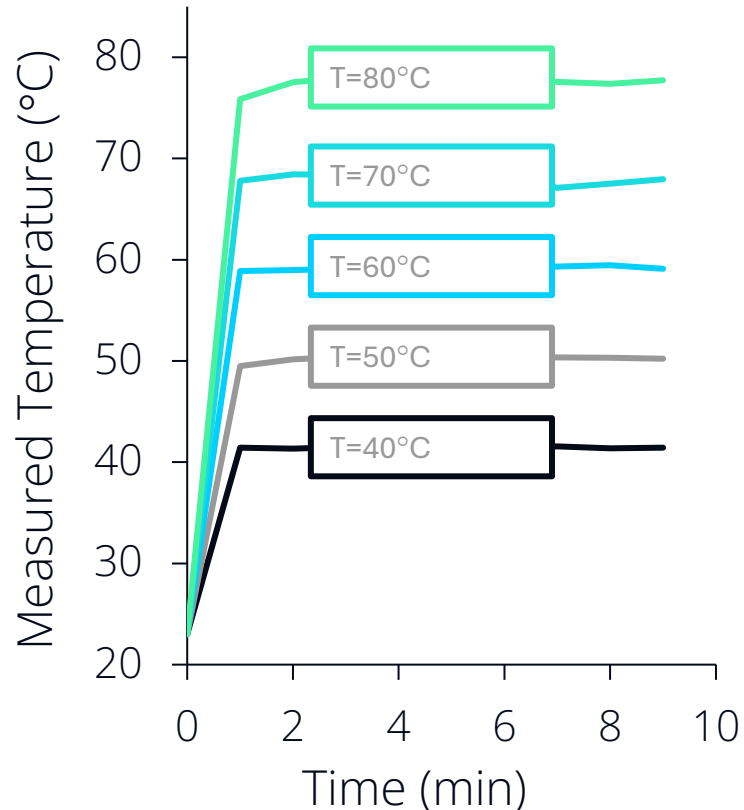
Integration Plug & Play via finger tight screws

Dimensions 67 X 46 mm

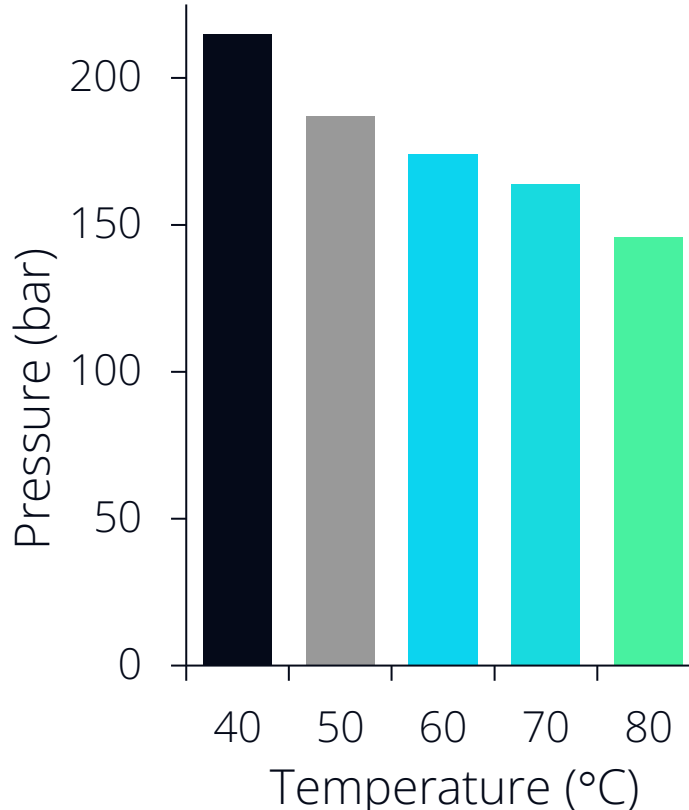
Heating Method Resistor-based heating via PCB contact with the column, powered through the EASY-Spray jack connection

- Precise Temperature Control: $\pm 1^\circ\text{C}$ accuracy with 0.1°C tolerance for reproducibility.
- Plug & Play Integration: Compatible with a large number of column arrangements
- Compact & Robust: Lightweight, space-saving, and easy to integrate.
- Enhanced Peak Performance: Reduces retention variability and sharpens peaks.
- Versatile Application: Supports low-flow, capillary, and micro-flow LC-MS workflows.

Accelerated Ramp-Up. Stable Output. Reliable Performance



Temperature redouts in a QuickFit™ VersaHeat™ R oven



Pressure redouts of pressure at a flow of 100 μ L/min using a 15 cm long 75 μ m ID QuickFit™ Column

- Reaches target temperature in under 1 min
- Maintains 0.5 °C accuracy
- Higher flow rates with lower back pressure, avoid system shutdown
- Optimized design for Plug & Play
- Plug & Play with EVOSEP™ One and Thermo EasySpray™
- Validated on EVOSEP™ One with 25% lower back pressure

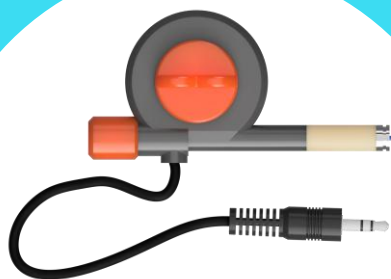
Seamless Integration for Your LC-MS Workflows

01



1 minute easy
setup

02



Ready to fit into the
ion source holder

03



Attach heater to source &
connect jack cable

Why Choose Montara BioLabs?

- Scientist-driven innovations for precision and reliability
- Plug & play solutions designed for capillary and nano columns and EASY-Spray setups.
- Designed to enhance reproducibility and retention time consistency



Model: VersaHeat R

Get Started Today!

Boost LC-MS reproducibility with our QuickFit™ VersaHeat™ column oven! Contact us to learn more and discuss how it fits your workflow.

“ Design is so simple.
That’s why it’s so
complicated! ”

— Paul Rand

For Research Use Only. Not for use in diagnostic procedures.
Specifications, terms, and availability are subject to change
without notice. All trademarks are the property of their respective
owners



Email: info@montarabiolabs.com



Website: www.montarabiolabs.com