

High-throughput LC

Separate your science from the status quo

Get more from your UHPLC with the addition of the Sample Hub

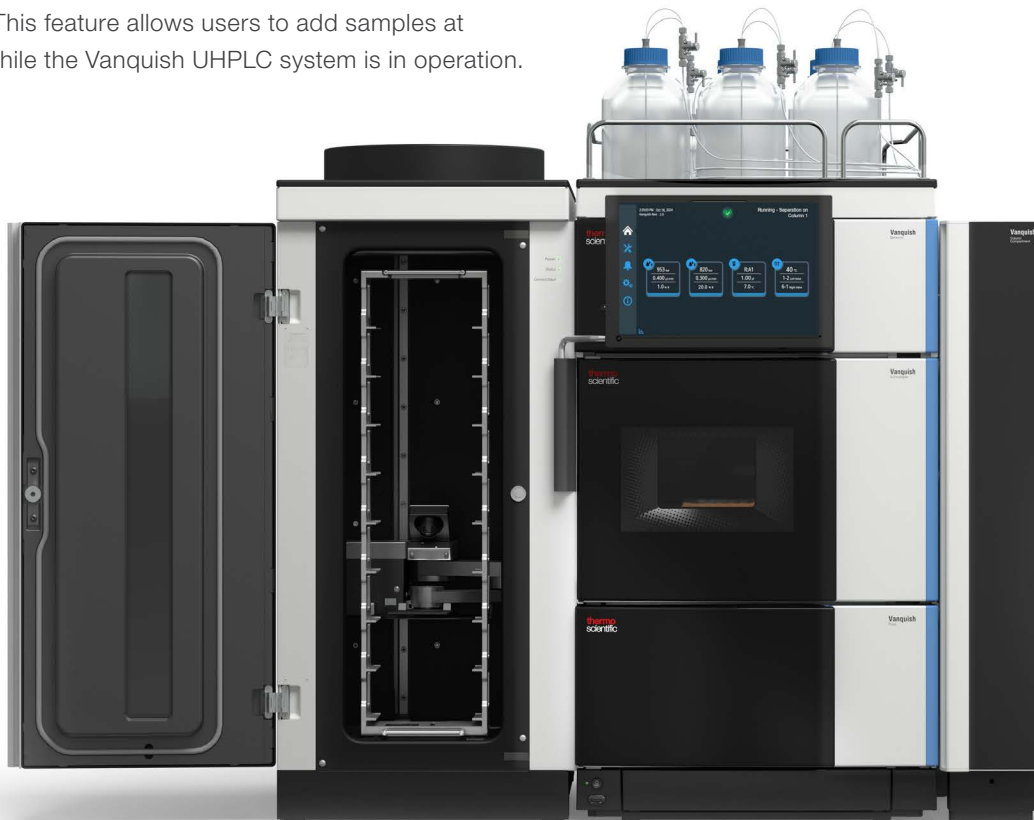
The Thermo Scientific™ Vanquish™ UHPLC platform is one of the most advanced HPLC systems available. Experience uncompromised UHPLC—with no trade-offs in performance, robustness or ease-of-use. Users of the Vanquish platform have all they need to solve their toughest analytical challenges with confidence.

Exclusive to the Vanquish UHPLC platform, the Thermo Scientific™ Vanquish™ Sample Hub module is an intelligent offering which provides greater walk-away time and reliable sample protection. This fully integrated robotic unit delivers environmentally controlled sample management and automated sample loading into the Vanquish UHPLC systems.

The unit contains a barcode reader that automatically inventories each plate or rack within the device every time the door is closed. This feature allows users to add samples at anytime, even while the Vanquish UHPLC system is in operation.

Advantages of the Vanquish Sample Hub module

- Up to 9 sample racks, deep well plates, or 20 shallow well plates (15 mm height) in SBS format
- Innovative air stream cooling, even in challenging environments
- Full inventory management via barcode reading with empty shelf level detection and rack/well plate verification
- Full integration into Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS) software



Specifications

	Value
Cycle Time	30 seconds
Sample Compartment Temperature Range	4–40 °C (≥ 22 K below ambient at < 80% relative humidity (RH))
Sample Temperature Accuracy	-2 to +2 °C (at 25 °C, 50% RH)
Sample Temperature Stability	±0.5 °C (at 25 °C, 50% RH)
Sample Capacity	Shelf with 9 levels: Any 9 of the following (SBS footprint) <ul style="list-style-type: none"> • 54 × 12 mm OD vials (≤1.5 mL) • 96 × 6, 7 and 8 mm OD vials (≤1.2 mL) • Deep well plates (96 and 384) • Shallow well plates (96 and 384)
Automation Features	Shelf with 20 levels: Any 20 of the following (SBS footprint) <ul style="list-style-type: none"> • Shallow well plates (96 and 384) Barcode reading: <ul style="list-style-type: none"> • Empty shelf level detection • Rack/well plate verification • Inventory management
GLP	All system parameters logged in the Chromeleon CDS Audit Trail
PC Connection	USB 2.0
Safety Features	Rack/plate detection sensor, magnetic door lock, door status detection
Power Requirements	100–240 VAC, 50/60 Hz, max. 350 W/352 VA
Environmental Conditions	5–35 °C, 20–80% RH (non-condensing)
Dimensions (h × w × d)	804 x 339 x 620 mm (31.6 x 13.3 x 24.4 in.)
Weight	38.5 kg (84.9 lbs.)

Ordering information

Description	Part number
Vanquish Sample Hub without shelf and racks	VH-A91-A-01
Accessories	
Shelf, 20 levels for shallow well plates	6910.2010
Shelf, 9 levels for deep well plates and sample racks	6910.2020
Sample rack, 54 pos, 12 mm OD vials	6850.1023
Sample rack, 96 pos, 6 mm OD vials	6850.1026
Sample rack, for 96 x 7 mm O.D. vials	6850.1030
Sample rack, for 96 x 8 mm O.D. vials	6850.1034

Learn more at thermofisher.com/Vanquish