

Thermo Scientific Vanquish – Charger Module

Better separations, more results, easier interaction

Thermo Scientific™ Vanquish™ UHPLC system is designed to offer:

- **Better separations** with the power of the system to unveil more compounds than ever before
- **More results** with throughput, speed and sample capacity to boost workflow productivity
- **Easier interaction** to make the system a joy to work with

The Vanquish UHPLC system is designed to be an integrated UHPLC system, where the Charger module hosts significantly more samples.



Get More From Your UHPLC With the Addition of the Charger

The Thermo Scientific Charger is an intelligent offering, exclusive to the Vanquish UHPLC system, which provides greater walk-away time, and reliable sample protection. This fully integrated robotic unit provides environmentally controlled sample management and automated sample loading into the Vanquish UHPLC system.

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.

- Monitor and manage an inventory of up to 9 sample racks, deep well plates, or 20 shallow well plates (15 mm height) in SBS format
- Take advantage of maximum sample integrity by innovative air stream cooling, even in challenging environments
- Gain full inventory management via barcode reading with empty shelf level detection and rack/well plate verification
- Enjoy a familiar control environment with full integration into Thermo Scientific™ Dionex™ Chromeleon™ Chromatography Data System software

PRODUCT SPECIFICATIONS

Specification	Value
Cycle Time	<1 min
Sample Compartment Temperature Range	4–40 °C (≥22 K below ambient at <80% 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) • 24 × 15 mm OD vials (≤4 mL) • Deep well plates (96 and 384) Shelf with 20 levels: Any 20 of the following (SBS footprint) <ul style="list-style-type: none"> • Shallow well plates (96 and 384)
Automation Features	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 Chromatography Data System Audit Trail.
PC Connection	USB 2.0
Safety Features	Rack/plate detection sensor, magnetic door lock, door status detection
Power Requirements	100–240 V AC, 50/60 Hz, max. 350 W/352 VA
Environmental Conditions	5–35 °C 20–80% RH (non condensing)
Dimensions (h × w × d)	750 mm × 339 mm × 620 mm (29.5 in. × 13.3 in. × 24.4 in.)
Weight	<35 kg (77.2 lbs)

ORDERING INFORMATION

Description	Part Number
Vanquish Charger <i>without shelf and racks</i>	VH-A90-A
Shelf, 20 levels for shallow well plates	6900.1010
Shelf, 9 levels for deep well plates and sample racks	6900.1020
Sample rack, 54 pos, 12 mm OD vials	6850.1023
Sample rack, 96 pos, 6 mm OD vials	6850.1026

To order in the U.S., call 1-800-346-6390, or contact the Thermo Fisher Scientific office nearest you. Outside the U.S., order through your local Thermo Fisher Scientific office or distributor. Refer to the following part numbers.

www.thermoscientific.com/chromatography

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Africa +43 1 333 50 34 0	Denmark +45 70 23 62 60	Japan +81 6 6885 1213	Russia/CIS +43 1 333 50 34 0
Australia +61 3 9757 4300	Europe-Other +43 1 333 50 34 0	Korea +82 2 3420 8600	Singapore +65 6289 1190
Austria +43 810 282 206	Finland +358 9 3291 0200	Latin America +1 561 688 8700	Sweden +46 8 556 468 00
Belgium +32 53 73 42 41	France +33 1 60 92 48 00	Middle East +43 1 333 50 34 0	Switzerland +41 61 716 77 00
Brazil +55 11 3731 5140	Germany +49 6103 408 1014	Netherlands +31 76 579 55 55	Taiwan +886 2 8751 6655
Canada +1 800 530 8447	India +91 22 6742 9494	New Zealand +64 9 980 6700	UK/Ireland +44 1442 233555
China 800 810 5118 (free call domestic) 400 650 5118	Italy +39 02 950 591	Norway +46 8 556 468 00	USA +1 800 532 4752

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