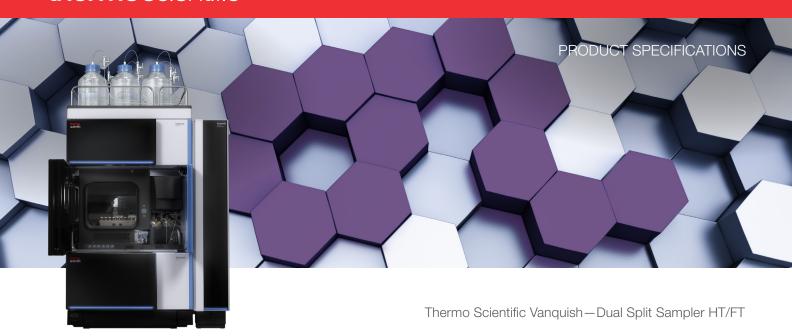
thermoscientific



Separate your productivity from the status quo

Vanquish platform benefits

- Unsurpassed retention time and peak area precision
- High detector sensitivity and low baseline noise
- Less maintenance and easy set-up with Thermo Scientific[™] Viper[™] fingertight fittings
- Dedicated solutions for exceptional LC-MS performance

Keywords

Vanquish Flex, Vanquish Horizon, Vanquish Duo, Dual LC, autosamplers, fluidics, productivity, throughput

Experience uncompromised UHPLC—with no trade-offs in performance, robustness or ease-of-use. Operators of the Vanquish platform have all they need to solve their toughest analytical challenges with confidence.

Dual sample injection for highest productivity and fastest return on investment

The Thermo Scientific™ Vanquish™ Dual Split Sampler HT/FT perfectly combine maximum injection precision with huge sample capacity. As part of the Thermo Scientific™ Vanquish™ Duo system for Dual LC, the Vanquish Dual Split Samplers double the number of injection units for the highest possible throughput in a single instrument bench space.

The fully biocompatible fluidics are optimized for the highest ruggedness and uptime even under tough system pressure and eluent conditions.

- Double your application flexibility with two independent injections units
- Unsurpassed sample dosage precision
- Maximum sample integrity as a result of the innovative air stream cooling, even in challenging environments
- Easy method transfer and unlimited application flexibility with customizable gradient delay volume
- Eliminate tedious sample configuration through automated barcode reading



Specifications

Number of Injection Units Operating Principle Split loop injection Pressure Range WH-A40-A-02: 5-151 MPa (50-1517 bar, 700-22,000 psi) VF-A40-A-02: 2-103 MPa (20-1034 bar, 290-15,000 psi) Unjection Volume Range O,01-25 µL, min. step = 0.01 µL; Optional: 0.01-100 µL Injection Volume Precision Roccuracy Injection Volume Precision Volume Volume Precision Volume Volume Volume Precision Volume V	Specification	Value
Operating Principle Pressure Range VH-A40-A-02: 5-151 MPa (50-1517 bar, 700-22,000 ps) VF-A40-A-02: 5-151 MPa (50-1517 bar, 700-22,000 ps) Injection Volume Range Injection Volume Range Injection Volume Precision Vpically ±0.5% for 10 µL water Accuracy Injection Linearity Injection Linearity Injection Linearity Injection Cycle Time Down to 8 s depending on separation conditions Minimum Sample Required Value Ver (UV) Reedle Wash (external) Sample Campartment Temperature Range Sample Temperature Sample Temperature Accuracy Sample Temperature Accuraty Sample Temperature Apple Temperature Accuraty Any four of the following (SBS tootprint) Ver 4 x 15 mm OD vials (s1 nL) Ver 4 x 15 mm OD vials (s1 nL) Ver 4 x 15 mm OD vials (s1 nL) Ver 4 x 15 mm OD vials (s1 nL) Ver 4 x 15 mm OD vials (s1 nL) Ver 4 x 15 mm OD vials (s1 nL) Ver 4 x 15 mm OD vials (s1 nL) Ver 5 x 10 mD vials (s1 nL) Ver 6 x 10 mD vials (s1 nL) Ver 7 x 10 mD vials (s1 nL) Ver 8 x 10 mD vials (s1 nL) Ver 9 x 10 x 10 x 22.5 mm OD vials (s1 nL) Ver 10 x 22.		
Pressure Range	·	
Injection Volume Accuracy Typically ±0.5% for 10 μL water Accuracy Injection Volume Precision Co.25% area RSD for 1 μL (caffeine in water) Typically <0.5% area RSD for 0.5 μL (caffeine in water) Injection Cycle Time Down to 8 s depending on separation conditions Down to 8 s depending on separation conditions 2 μL at 1 μL injection volume Recuired Carry Over (UV) Co.002% with caffeine (typically: <0.0004%) Redle Wash (external) 1 solvent per injection unit, dip rinse and continuous rinse Sample Compartment Temperature Range Sample Temperature 2-2 °C/+4 °C Accuracy Time Premark Time Prema		VH-A40-A-02: 5–151 MPa (50–1517 bar, 700–22,000 psi)
Injection Volume Precision Co.25% area RSD for 1 μL (caffeine in water)	Injection Volume Range	0.01-25 μL, min. step = 0.01 μL; Optional: 0.01-100 μL
Typically <0.5% area RSD for 0.5 μL (caffeine in water) Injection Cycle Time Minimum Sample Required 2 μL at 1 μL injection volume Required Carry Over (UV) Needle Wash (external) Sample Compartment Temperature Range Sample Temperature Accuracy Sample Temperature Stability Dwell Volume 110 μL with 25 μL sample loop (default configuration); 83 μL with sample loop of 10 μL Any four of the following (SBS footprint) • 24 × 15 mm OD vials (≤1.5 mL) • 24 × 15 mm OD vials (≤1.2 mL) • 24 × 15 mm OD vials (≤1.2 mL) • 24 × 15 mm OD vials (≤4 mL) • well plates (96 and 384, deep and shallow) + capacity of 12 × 22.5 mm OD vials (≤10 mL) in the carousel Automation Features Barcode reading: • Empty segment detection • Rack/well plate verification • Inventory management GLP Predictive performance functions for scheduling maintenance procedures based on the actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific * Ohromeleon** Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: Titanium, Ceramics, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PPFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PPFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PPFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PPFE, Ceramics, DLC Wash liquid flow path: 114 man, 600 RH (non condensing), max. 2000 m above sea-level, Storage: 20-45 °C max. 60% RH (non condensing) Dimensions (n × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)		Typically ±0.5% for 10 μL water
Injection Cycle Time Down to 8 s depending on separation conditions Minimum Sample Required Carry Over (UV) <0.002% with caffeine (typically: <0.0004%) Needle Wash (external) 1 solvent per injection unit, dip rinse and continuous rinse Sample Compartment Temperature Range Sample Temperature Range 2 ±1 °C Sample Temperature Accuracy 2 ±1 °C Sample Temperature 3 ±1 °C Stability 2 ±1 °C Stability 2 ±1 °C Sample Capacity 3 ×12 mm OD vials (≤1.5 mL) 1 ×12 ×12 mm OD vials (≤1.5 mL) 1 ×12 ×12 mm OD vials (≤4.5 mL) 1 ×12 ×12 mm OD vials (≤4.5 mL) 1 ×12 ×12 mm OD vials (≤4.7 mL) 1 ×12 ×12 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×12 ×15 mm OD vials (≤1.0 mL) 1 ×12 ×12 ×15 ×15 ×15 ×15 ×15 ×15 ×15 ×15 ×15 ×15	Injection Volume Precision	
Minimum Sample Required Carry Over (UV) Needle Wash (external) Sample Compartment Temperature Range Sample Temperature Accuracy Sample Temperature Stability Dwell Volume 110 µL with 25 µL sample loop (default configuration); 83 µL with sample loop of 10 µL Any four of the following (SBS footprint) • 54 × 12 mm OD vials (s1.5 mL) • 96 × 6, 7 and 8 mm OD vials (s1.2 mL) • 24 × 15 mm OD vials (s1.0 mL) • vell plates (96 and 384, deep and shallow) • capacity of 12 × 22.5 mm OD vials (s10 mL) in the carousel Automation Features Barcode reading: • Empty segment detection • Rack/well plate verification • Inventory management GLP Predictive performance functions for scheduling maintenance procedures based on the actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific" Chromeleon** Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules VO Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Elluent flow path: MP35N, Titanium, Sapphine, PEEK, PTFE, Ceramics, DLC vash liquid flow path: Silicone, PP, FFM, PEEK, PA Biocompatible Yes, pH range 2-12, chloride concentration up to 1 mol/L Power Requirements Environmental Conditions Storage: -20-45 *C max. 60% RH (non condensing), max. 2000 m above sea-level, Storage: -20-45 *C max. 60% RH (non condensing)	Injection Linearity	r >0.99999 (caffeine in water)
Required Carry Over (UV) <0.002% with caffeine (typically: <0.0004%)	Injection Cycle Time	Down to 8 s depending on separation conditions
Needle Wash (external) 1 solvent per injection unit, dip rinse and continuous rinse Sample Compartment Temperature Range 4–40 °C (≥23 K below ambient at <80% RH)	·	2 μL at 1 μL injection volume
Sample Compartment Temperature Range Sample Temperature Accuracy Sample Temperature Accuracy Sample Temperature Stability Dwell Volume 110 µL with 25 µL sample loop (default configuration); 83 µL with sample loop of 10 µL Sample Capacity Any four of the following (SBS footprint) • 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) • well plates (96 and 384, deep and shallow) + capacity of 12 × 22.5 mm OD vials (≤10 mL) in the carousel Barcode reading: • Empty segment detection • Rack/well plate verification • Inventory management GLP Predictive performance functions for scheduling maintenance procedures based on the actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific™ Chromeleon™ Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Usade detection and safe leak handling Sample flow path: Titanium, Ceramics, PEEK, MP36N, DLC Eluent flow path: MP36N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2-12, chloride concentration up to 1 mol/L Power Requirements Operation: 5-35 °C; 20-80% RH (non condensing), max. 2000 m above sea-level, Storage: -20-45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	Carry Over (UV)	<0.002% with caffeine (typically: <0.0004%)
Temperature Range Sample Temperature Accuracy ±1 °C Sample Temperature Stability ±1 °C Dwell Volume 110 μL with 25 μL sample loop (default configuration); 83 μL with sample loop of 10 μL Sample Capacity Any four of the following (SBS footprint)	Needle Wash (external)	1 solvent per injection unit, dip rinse and continuous rinse
Accuracy Sample Temperature Stability Dwell Volume 110 µL with 25 µL sample loop (default configuration); 83 µL with sample loop of 10 µL Sample Capacity Any four of the following (SBS footprint) • 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) • well plates (96 and 384, deep and shallow) + capacity of 12 × 22.5 mm OD vials (≤10 mL) in the carousel Automation Features Barcode reading: • Empty segment detection • Rack/well plate verification • Inventory management GLP Predictive performance functions for scheduling maintenance procedures based on the actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific™ Chromeleon™ Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2-12, chloride concentration up to 1 mol/L Power Requirements Operation: 5-35 °C; 20-80% RH (non condensing), max. 2000 m above sea-level, Storage: -20-45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	·	4–40 °C (≥23 K below ambient at <80% RH)
Stability Dwell Volume 110 µL with 25 µL sample loop (default configuration); 83 µL with sample loop of 10 µL Sample Capacity Any four of the following (SBS footprint) • 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) • well plates (96 and 384, deep and shallow) + capacity of 12 × 22.5 mm OD vials (≤10 mL) in the carousel Barcode reading: • Empty segment detection • Rack/well plate verification • Inventory management GLP Predictive performance functions for scheduling maintenance procedures based on the actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific™ Chromeleon™ Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PA Biocompatible Yes, pH range 2-12, chloride concentration up to 1 mol/L Power Requirements Environmental Conditions Operation: 5-35 °C; 20-80% RH (non condensing), max. 2000 m above sea-level, Storage: -20-45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	·	-2 °C/+4 °C
Any four of the following (SBS footprint) • 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) • well plates (96 and 384, deep and shallow) + capacity of 12 × 22.5 mm OD vials (≤10 mL) in the carousel Barcode reading: • Empty segment detection • Rack/well plate verification • Inventory management GLP Predictive performance functions for scheduling maintenance procedures based on the actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific™ Chromeleon™ Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow paths: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2-12, chloride concentration up to 1 mol/L Power Requirements Environmental Conditions Operation: 5-35 °C; 20-80% RH (non condensing), max. 2000 m above sea-level, Storage: -20-45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)		±1 °C
	Dwell Volume	110 μ L with 25 μ L sample loop (default configuration); 83 μ L with sample loop of 10 μ L
 Empty segment detection Rack/well plate verification Inventory management GLP Predictive performance functions for scheduling maintenance procedures based on the actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific™ Chromeleon™ Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2–12, chloride concentration up to 1 mol/L Power Requirements 100–240 VAC, 50/60 Hz, max. 525 W/550 VA Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: -20–45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.) 	Sample Capacity	 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) well plates (96 and 384, deep and shallow)
actual operating and usage conditions of the sampler. All system parameters logged in the Thermo Scientific™ Chromeleon™ Chromatography Data System Audit Trail. PC Connection USB 2.0; 3-port-HUB to connect further Vanquish modules I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2–12, chloride concentration up to 1 mol/L Power Requirements 100–240 VAC, 50/60 Hz, max. 525 W/550 VA Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: -20–45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	Automation Features	Empty segment detectionRack/well plate verification
I/O Interfaces 2 × 6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2–12, chloride concentration up to 1 mol/L Power Requirements 100–240 VAC, 50/60 Hz, max. 525 W/550 VA Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: -20–45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	GLP	actual operating and usage conditions of the sampler. All system parameters logged in
Safety Features Leak detection and safe leak handling Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2–12, chloride concentration up to 1 mol/L Power Requirements 100–240 VAC, 50/60 Hz, max. 525 W/550 VA Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: -20–45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	PC Connection	USB 2.0; 3-port-HUB to connect further Vanquish modules
Wetted Parts Sample flow path: Titanium, Ceramics, PEEK, MP35N, DLC Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2–12, chloride concentration up to 1 mol/L Power Requirements 100–240 VAC, 50/60 Hz, max. 525 W/550 VA Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: -20–45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	I/O Interfaces	2×6 pin Mini-DIN connectors each having functionality: 1 input, 1 relay out
Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC Wash liquid flow path: Silicone, PP, FFPM, PEEK, PA Biocompatible Yes, pH range 2–12, chloride concentration up to 1 mol/L Power Requirements 100–240 VAC, 50/60 Hz, max. 525 W/550 VA Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: -20–45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	Safety Features	Leak detection and safe leak handling
Power Requirements 100–240 VAC, 50/60 Hz, max. 525 W/550 VA Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: $-20-45$ °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	Wetted Parts	Eluent flow path: MP35N, Titanium, Sapphire, PEEK, PTFE, Ceramics, DLC
Environmental Conditions Operation: 5–35 °C; 20–80% RH (non condensing), max. 2000 m above sea-level, Storage: -20 –45 °C max. 60% RH (non condensing) Dimensions (h × w × d) 290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)	Biocompatible	Yes, pH range 2-12, chloride concentration up to 1 mol/L
Storage: -20–45 °C max. 60% RH (non condensing) Dimensions (h \times w \times d) 290 \times 420 \times 620 mm (11.4 \times 16.5 \times 24.4 in.)	Power Requirements	100-240 VAC, 50/60 Hz, max. 525 W/550 VA
	Environmental Conditions	
Weight 29 kg (63.9 lbs.)	Dimensions (h \times w \times d)	290 × 420 × 620 mm (11.4 × 16.5 × 24.4 in.)
	Weight	29 kg (63.9 lbs.)

Ordering information

Description	Part Number
Vanquish Dual Split Sampler HT	VH-A40-A-02
Vanquish Dual Split Sampler FT	VF-A40-A-02
Sample loop, 10 µL, MP35N, left	6850.1915
Sample loop, 10 µL, MP35N, right	6850.1919
Sample loop, 25 µL, MP35N, left (default)	6850.1911
Sample loop, 25 µL, MP35N, right (default)	6850.1917
Sample loop, 100 µL, MP35N, left	6850.1913
Sample loop, 100 µL, MP35N, right	6850.1918
Sample rack, 54 pos, 12 mm OD vials	6850.1023
Sample rack, 96 pos, 6 mm OD vials	6850.1026
Sample rack, 96 pos, 7 mm OD vials	6850.1030
Sample rack, 96 pos, 8 mm OD vials	6850.1034

Find out more at thermofisher.com/VanquishDuo

