

Proactive Sample Handling Solutions

Thermo Scientific™ WebSeal™ Well Plates, barcoded for Thermo Scientific™ Vanquish™ Horizon and Thermo Scientific™ Vanquish™ Flex UHPLC Systems provide advanced sample security and sample integrity. Proactive solutions exist to significantly impact sample security through sample handling solutions such as barcoded well plates for the Vanquish platforms.

For high throughput and/or multiple users with multiple sample formats in an intact sample integrity environment, you need more than fast chromatography. The hardware and consumables need to keep pace with the analysis speed, and our solutions meet that need. The Vanquish Charger can handle up to 20 well plates with an additional three positions in the Vanquish autosampler giving a maximum of 8832 samples. The automation of workflows with barcode reading is also possible.

Thermo Scientific Vanquish Charger features

- The module contains a barcode reader that automatically inventories each plate or rack within the device
- Monitor and manage an inventory of up to nine sample racks, deep well plates, or 20 microtiter plates (15mm height) in SBS format
- Gain full inventory management via barcode reading with empty shelf level detection and rack/well plate verification

Key Features and Benefits

Feature	Benefit	Why is it important?
Tested portfolio for demanding HPLC and UHPLC assays	The one and only secure choice for chromatographers	No risk from extractables, no risk of losing valued sample by using an unsuitable plate, which may not be compatible with the sample or solvent
Barcoded well plates for the Thermo Scientific Vanquish platform 2D barcode reader	Assured plate fit with pre-applied orientation barcode in the correct reader position	No risk of placing the plate incorrectly in the autosampler
Secured side orientation in the autosampler	No risk of incorrect side orientation of the plate in the autosampler	No risk of starting the sequence at the wrong plate position, provides sample integrity
Instrument controls the plate orientation and verifies the plate before implementing the sequence	Improved sample security and sample integrity compared to non-barcoded plates	Keeps the sample secure and integrity intact



Why Barcoded Well Plates?

The well established Thermo Scientific WebSeal system offers a new range of chromatography tested, orientation barcoded well plates for the Vanquish Horizon and Vanquish Flex UHPLC machines. The barcodes indicate the correct orientation of the plate to ensure the correct position in the autosampler and charger unit when loading and running the analytical sequence. Plates cannot be accepted in the wrong orientation.

Thermo Scientific WebSeal Well Plates Barcoded for VANQUISH Polypropylene, Non-Coated, Non-Sterile

Description	Material	Total Height	Well Format	Total Volume (µL)	Working Volume Range µL/well	Cat. No.	Pack of
96-Well Plate, round well, barcoded	Polypropylene	31.6	U-shape, 8mm dia	1300	50-1000	60180-P103B	5
	Polypropylene	31.6	U-shape, 8mm dia	1300	50-1000	60180-P133B	50
96-Deep Well Plate, square well, barcoded	Polypropylene	44.0	V-shape, square	2000	50-1900	60180-P105B	5
	Polypropylene	44.0	V-shape, square	2000	50-1900	60180-P135B	50
96-Well Microplate, round well, barcoded	Polypropylene	14.7	U-shape, 7mm dia	270	10-250	60180-P206B	100
	Polypropylene	14.7	U-shape, 7mm dia	270	10-250	60180-P216B	10
	Polypropylene	14.7	U-shape, 7mm dia	220	10-190	60180-P207B	100
	Polypropylene	14.7	U-shape, 7mm dia	220	10-190	60180-P217B	10
96-Well Plate, round well, barcoded	Polypropylene	41.6	U-shape, 7mm dia	1000	50-900	60180-P201B	50
	Polypropylene	41.6	U-shape, 7mm dia	1000	50-900	60180-P211B	5

Find out more at thermofisher.com/webseal