

# Sustainability fact sheet

## on the Vanquish HPLC and UHPLC systems

As the world leader in serving science, we enable our customers to make the world healthier, cleaner and safer. With the same dedication we are additionally committed to reduce the environmental impact of our products. This fact sheet gives background information on efforts taken to reduce negative effects on the environment.

### Green features:

Change from printed to electronic manuals saving nearly 6.5 million pages of paper in 2021

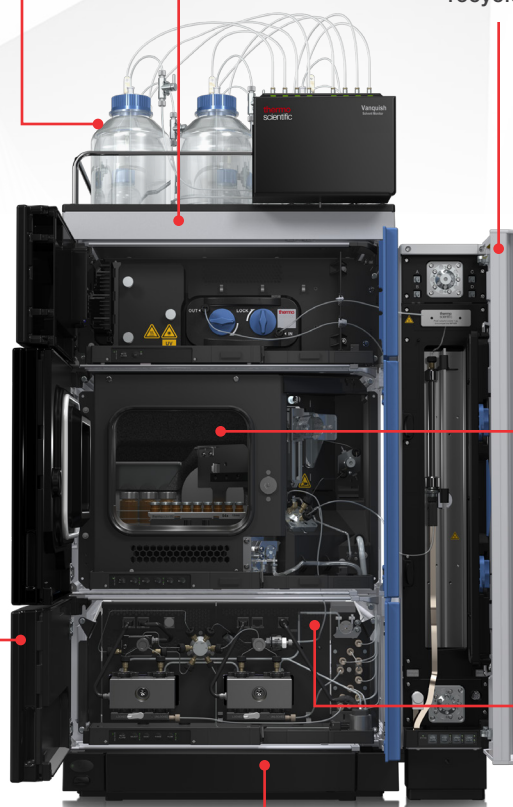
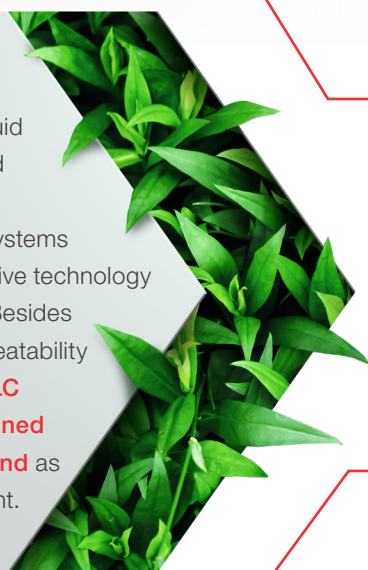
Developed, designed and 93% of all Vanquish systems manufactured in 2021 in a fossil-fuel free site

Modules in aluminum racks consisting of approximately 25% recycled aluminum and pump heads of 20% recycled titanium

Reduction from 4 LCD displays in previous platform to one optional in Vanquish systems reducing overall required material

### Product description:

Vanquish High Pressure Liquid Chromatography (HPLC) and Ultra High Pressure Liquid Chromatography (UHPLC) systems are constructed with innovative technology and attention to fine detail. Besides improving performance, repeatability and robustness, **Vanquish LC instruments are also designed with the environment in mind** as shown in the overview at right.



Use of expanded polypropylene, produced without the use of HCFCs where metals were previously used reducing overall weight

Stainless steel parts such as purge unit consists of >95% recycled material

Use of new power supplies reducing energy consumption by 90% during standby mode and by 24% during standardized analysis conditions

Use of expanded polyethylene instead of styropore for packaging consisting of at least 65% recycled material

### Additional sources:

2021 Corporate Social Responsibility Report

Corporate Social Responsibility webpage

Working toward net zero



Learn more at [thermofisher.com/vanquish](https://thermofisher.com/vanquish)

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