

New and improved nanoZero® fittings.

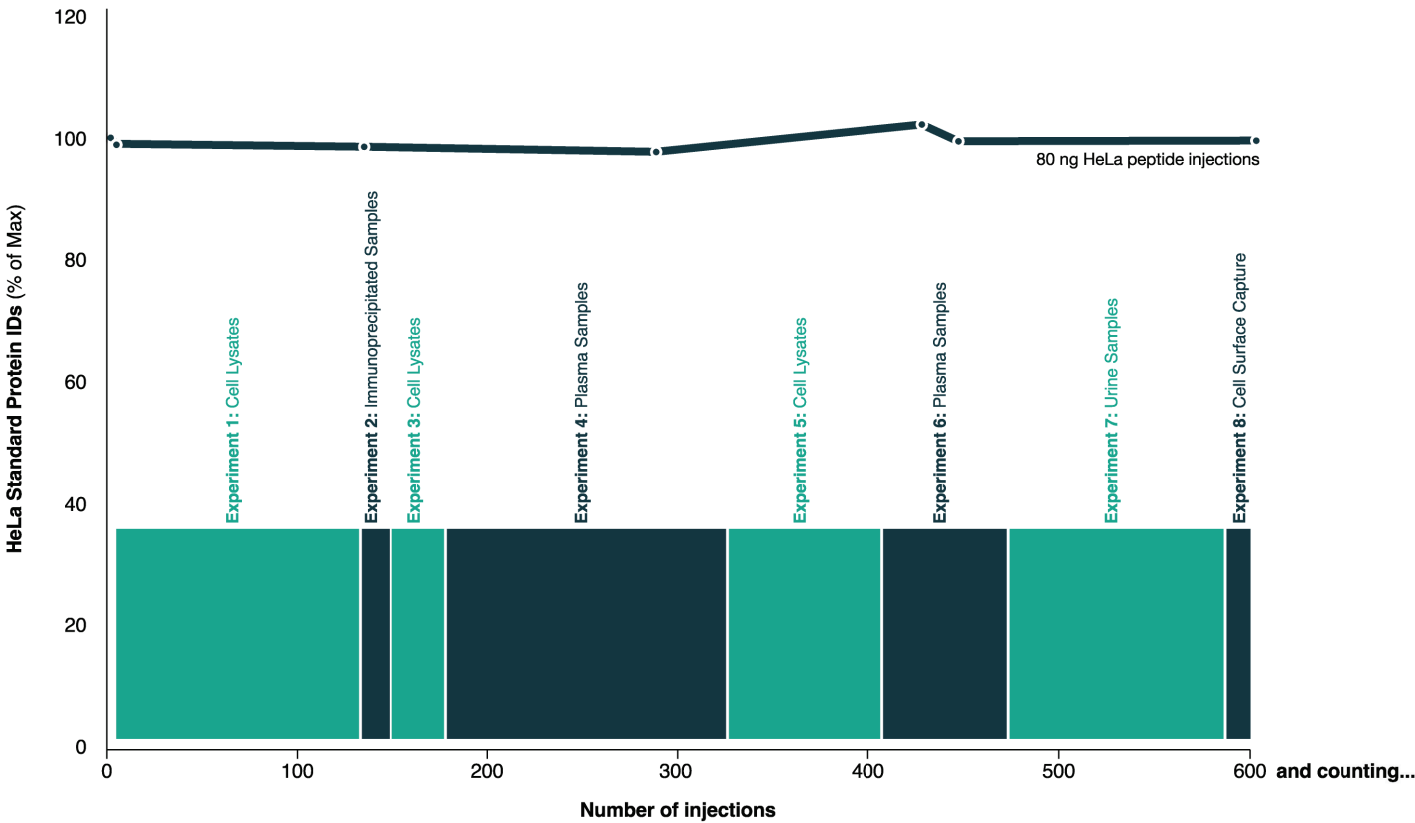
With enhanced robustness and reliability, the Generation 3 nanoZero® fitting holds over 1700bar and eliminates all pre-column dead volume.

Improved emitter design and new stationary phase.

for enhanced chromatography and consistency.

Extended column life.  
Love it for longer.

Consistent results over multiple experiments and hundreds of injections.  
Eight proteomics experiments on a single 15cm Aurora Elite™ column, and counting.



“We’ve been acquiring data using the new Generation 3 Aurora Series™ columns for 3+ months continuously, and they’re rock solid”  
Assoc. Prof. Andrew Webb

EXPLORE THE NEW GENERATION **Aurora 3**™

ionopticks

Aurora **3**™  
GENERATION

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just got  
better.

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 **PRODUCT OF AUSTRALIA**  
Designed and manufactured in Australia.



Introducing

# Aurora Generation 3

UHPLC packed emitter columns

Delivering unrivalled coverage, throughput, sensitivity and reproducibility, Generation 3 Aurora Series™ columns embody all of the strengths of previous generations, augmented by three years of intense research, development and industry collaboration.

## Designed by researchers, for researchers.

We've listened. We've collaborated. Throughout the development of the Generation 3 Aurora Series™, we've included a range of improvements to minimise experiment disruption and increase performance.

+

Integrated packed emitter.

+

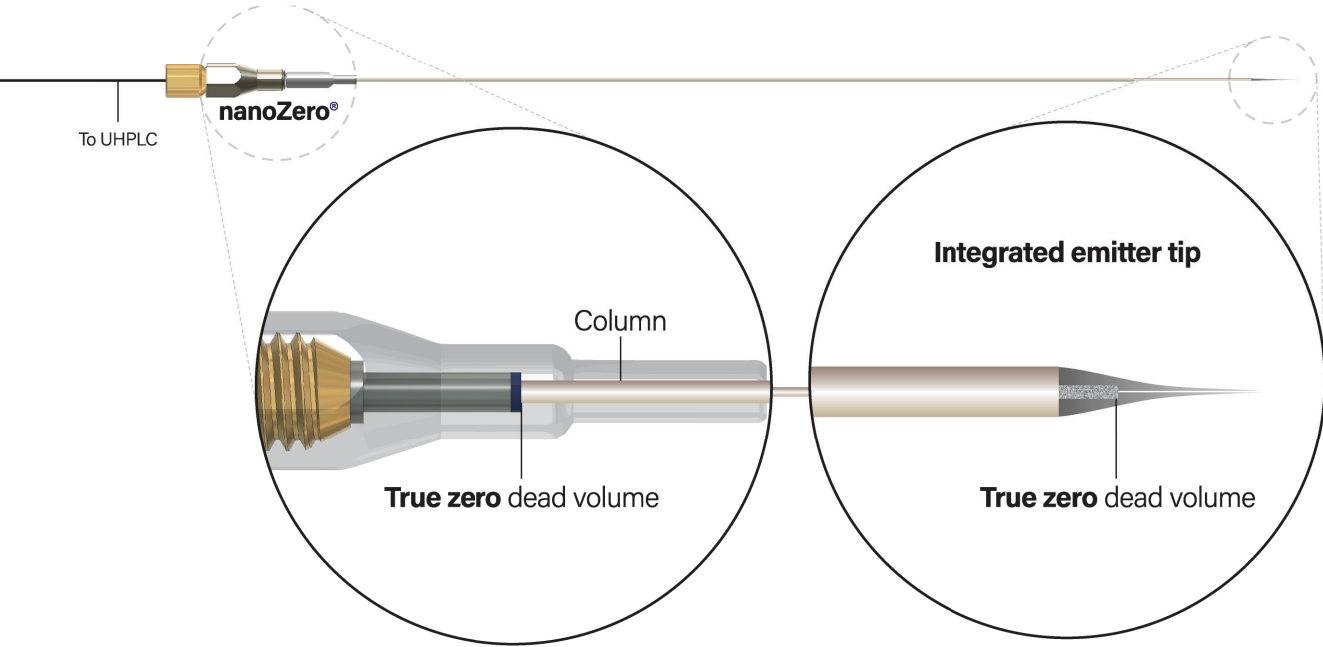
'QuickFit' plug + play technology.

+

True zero pre-column dead volume

+

High-pressure fitting holds > 1700 bar



**Toby Dite**  
Research Officer  
WEHI Proteomics Lab

“After swapping our 25cm Generation 2 Aurora column with the 15cm Generation 3 Aurora Elite™ column, we were surprised to see our peptide and protein numbers unchanged!”

So not only are we able to run our old methods with no loss of data, we can now run shorter methods using faster flow rates for our sample loading and column washing and equilibration.”

An impressive new range.

## Aurora™ ULTIMATE

No compromise deep analysis of complex samples.



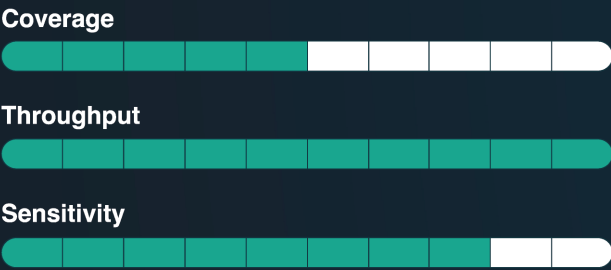
## Aurora™ ELITE

The perfect balance between throughput and depth of coverage in complex samples.



## Aurora™ RAPID

Maximal throughput for biological fluids analysis and targeted workflows.



### The original game-changer in UHPLC.

25 cm nanoflow UHPLC packed emitter column with nanoZero® fitting.

The pinnacle of chromatography performance while minimizing overall cost and stress on equipment. Want it all? The Aurora Ultimate™ continues the legacy of IonOpticks' original 25 cm UHPLC line, delivering maximum peak capacity when time is less of a determining factor, but still a consideration.

- Product Benefits:
- + Extreme coverage and sensitivity without excessive throughput.
  - + Unlocks the true power of your mass spectrometer.

(Part No. AUR3-25075C18 / AUR3-25075C18-CS)



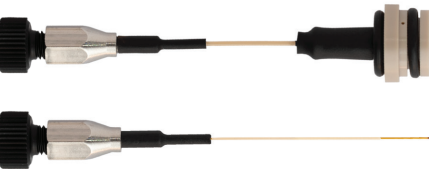
### Our 'experiment in a day' solution.

15 cm nanoflow UHPLC packed emitter column with nanoZero® fitting.

A product made for researchers, by researchers. The Aurora Elite™ is specifically tailored to achieve the deep discovery synonymous with Aurora™ Columns, within the established timeframes of researchers who would like to maintain their “experiment in a day” velocity.

- Product Benefits:
- + High throughput
  - + Exceptional coverage for rate of throughput.
  - + Balanced throughput and depth of coverage.

(Part No. AUR3-15075C18 / AUR3-15075C18-CS)



### Maximum IDs. Shorter gradients.

5 cm microflow UHPLC packed emitter column with nanoZero® fitting.

When high throughput matters, Aurora Rapid™ ensures you achieve IDs previously unimaginable at speed. Aurora Rapid™ provides the benefits of microflow chromatography for analytical research.

- Product Benefits:
- + Ultra high throughput
  - + Microflow
  - + System stability
  - + Time savings
  - + Comparatively less sacrifice of depth of coverage when high throughput is the driving motivation.

(Part No. AUR3-50150C18 / AUR3-50150C18-CS)