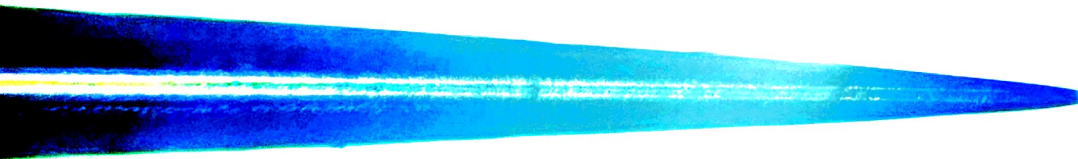


# QuickFit™

## Nanoelectrospray Emitters

Sharper Tips. Superior Signal. Seamless Performance



Empowering Proteomics  
with the Sharpest, Most  
Robust nESI Emitters on  
the Market

[www.montarabiolabs.com/emitters](http://www.montarabiolabs.com/emitters)

Built by scientists. For scientists.

# Key Benefits



## Sharper Tips = Better Ionization

Our precision-pulled emitters with  $5\pm 1^\circ$  taper angles enhance electrospray efficiency, boosting peptide/protein IDs.



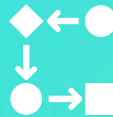
## Plug & Play Compatibility

Compatible with Thermo™ EasySpray™ sources and nanoviper fittings. Zero-dead-volume integration, no tools required.



## Extended Lifetime

Nanoparticle coating reduces clogging and increases emitter stability across complex matrices..



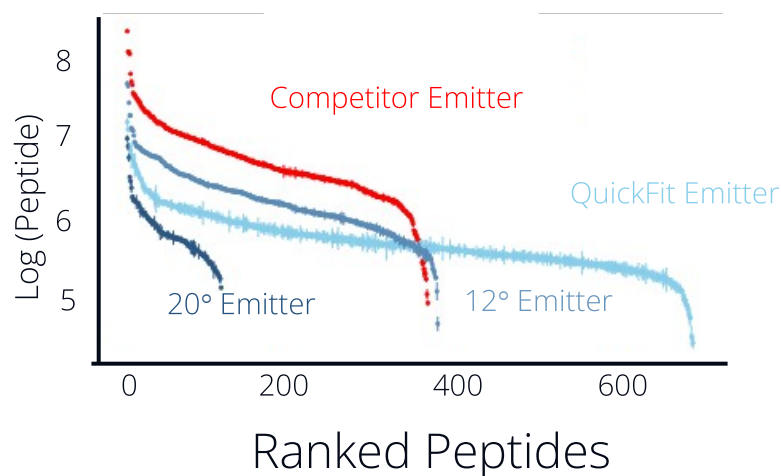
## Ready for Any Workflow

Use with direct infusion or LC-MS. Works seamlessly with your existing columns or Montara's integrated systems.

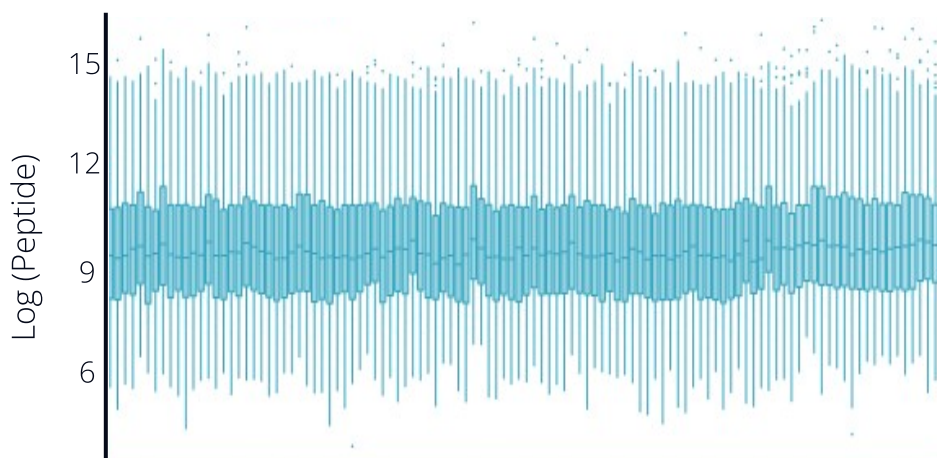
# Improved Sensitivity

QuickFit™ emitters deliver higher peptide and protein identifications due to superior sensitivity and signal stability across hundreds of runs

HeLa digest analyzed by direct infusion using a Thermo Scientific™ Orbitrap™ Exploris 480



Plasma Protein Intensity – Direct Infusion on Orbitrap Astral













Median log protein intensity across >90 plasma runs acquired with an Orbitrap™ Astral system using QuickFit™ emitters

QuickFit™ emitters deliver both depth and reproducibility in LC-MS proteomics workflows

# Engineered for Stability Reinforced for Discovery

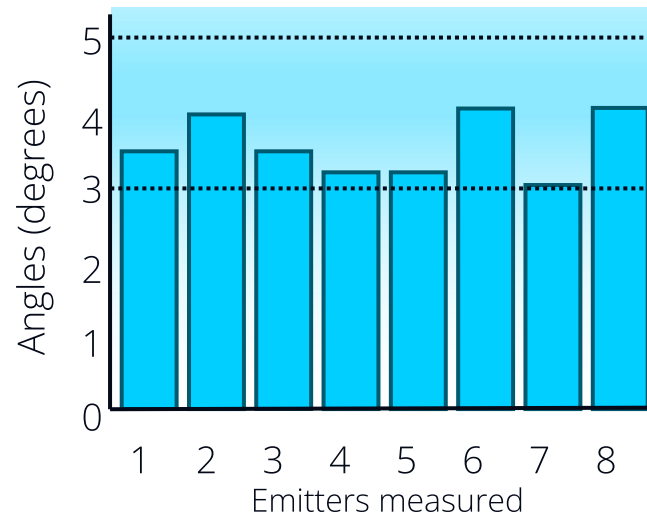
## Real-Time QC with Vision-Based Software:

Our proprietary software detects tip angles with sub-degree precision, guaranteeing consistent, sharp tapers for maximum ionization efficiency

Microscope Image (10X)	Angle	SW Analysis
	3.2	
	4.2	
	5.9	
	7.5	
	8.4	

## Precision You Can See, Quality You Can Trust.

Each emitter manufactured to achieve tip taper angles within  $5 \pm 1^\circ$ . >95% of emitters fall within spec range. Every emitter individually inspected and tested

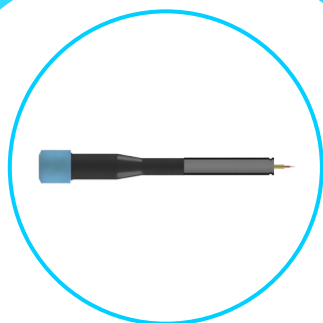


- [Sharper tips](#) = better ionization
- [Verified QC](#) = reproducible results
- [Confidence](#) in every batch

*All QuickFit™ emitters are individually validated before shipping. QC reports available on request*

# Seamless Integration for Your MS Workflows

01



Remove the lid

02



Place in the Ion Source

03



Attach the infusion line

## Why Choose Montara BioLabs?

- Scientist-driven innovations for precision and reliability
- Plug & play solutions designed for capillary,  $\mu$ PAC, and EASY-Spray setups.
- Designed to enhance reproducibility and retention time consistency

💡 Model: QuickFit™ Emitter

## Get Started Today!

Boost LC-MS and Direct Infusion reproducibility with our QuickFit™ Emitters! Contact us to learn more and discuss how it fits your workflow.

“Design is so simple.  
That’s why it’s so  
complicated!”

— Paul Rand

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Email: [info@montarabiolabs.com](mailto:info@montarabiolabs.com)



Website: [www.montarabiolabs.com](http://www.montarabiolabs.com)