

Fused silica nanospray emitters

The one emitter for every proteomics workflow

Trajan tapered nanospray emitters

Introducing Trajan's tapered nanospray emitter tips for high-quality proteomics research.

Designed for proteomics lab managers and scientists seeking reduced instrument downtime, fewer sample re-runs, and efficient lab operations - or simply a drop-in replacement for today's pulled tips.

Readily available in a wide range of lengths, inner diameters, and coating options, and extensively tested in proteomics labs around the world, Trajan's "universal" distal-coated emitters are the only emitter you need in your lab.

Simplify your lab operations

Standardize your lab to distal-coated emitters optimized for any and all workflows, and pre-cleaved for instant connection.

Reduce downtime and re-runs

Reliable and robust clog-resistant constant bore ID - a drop-in replacement for pulled tips.

Achieve reliable sensitivity

Low dead-volume precision cleaved ends ideal for Zero Dead Volume (ZDV) connections.

Expect high performance

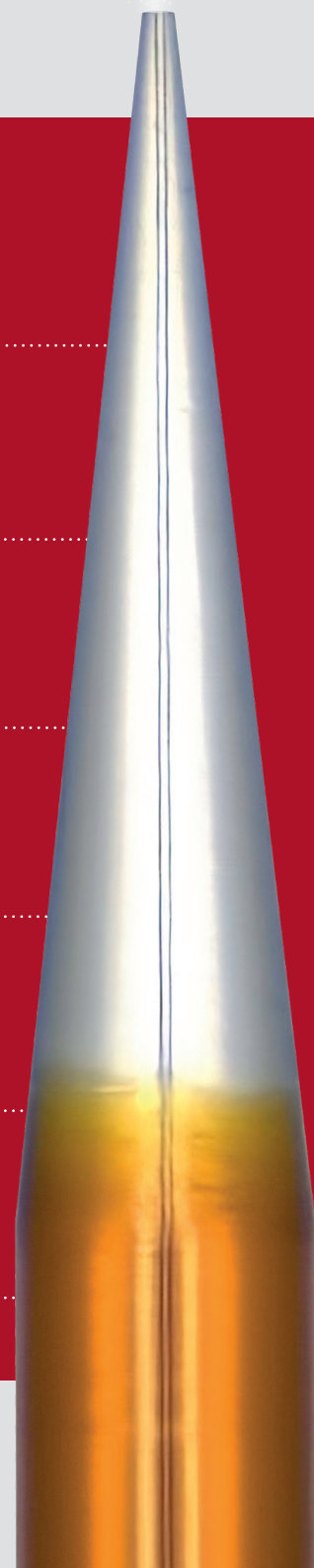
Optimal peptide count and reproducibility with tight tolerance features and smooth surface finish.

Run any sample type

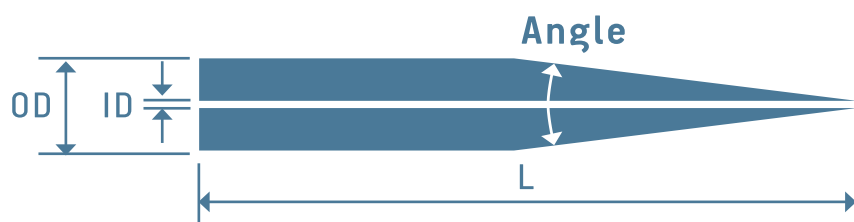
Inert fused silica material chemically compatible with all samples.

Utilize FAIMS interface

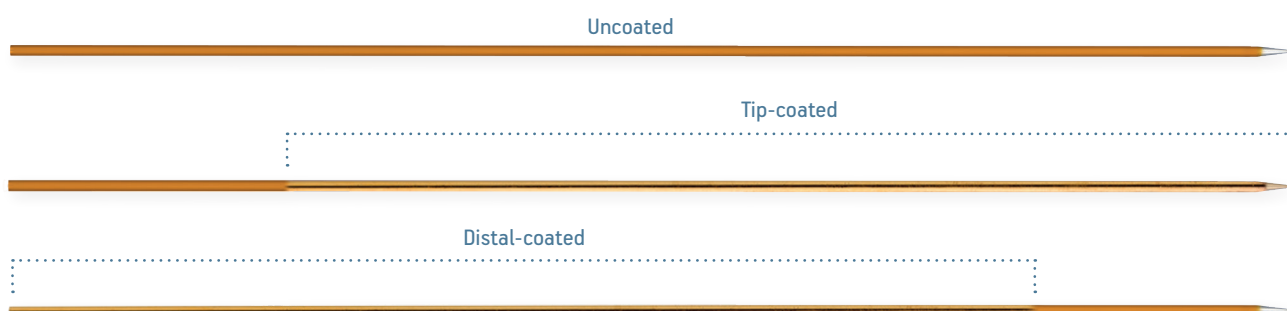
Distal-coated emitters with non-conductive tips have all the benefits of stainless steel emitters, without any arcing.



Product specifications



See table for suggested application and compatibilities



Specifications	
Material	Fused silica with polyimide coating
OD	360 μm \pm 10 μm
ID	10 μm – 30 μm \pm 2 μm 30 μm – 50 μm \pm 3 μm
Length	Lengths available from 30 mm – 150 mm

Part number	Pack size	Angle	OD	ID	L	Metalized coating	Compatible with
063200000	5	13°	360 μm	10 μm	50 mm	Uncoated	• PharmaFluidics $\mu\text{PAC}^{\text{TM}}$ Flex iON Connect ESI-MS interface
063220000						Tip-coated (40 mm)	• Thermo Scientific Nanospray Flex TM ion Source • PharmaFluidics μPAC Flex iON Connect ESI-MS interface
063240000						Distal-coated (40 mm)	• Thermo Scientific Nanospray Flex ion Source • Thermo Scientific FAIMS Pro TM Interface • PharmaFluidics μPAC Flex iON Connect ESI-MS interface
063200102	5	13°	360 μm	20 μm	40 mm	Uncoated	• Thermo Scientific Nanospray Flex ion Source
063200100	5	13°	360 μm	20 μm	50 mm	Uncoated	• PharmaFluidics μPAC Flex iON Connect ESI-MS interface
063220100						Tip-coated (40 mm)	• Thermo Scientific Nanospray Flex ion Source • PharmaFluidics μPAC Flex iON Connect ESI-MS interface
063240100						Distal-coated (40 mm)	• Thermo Scientific Nanospray Flex ion Source • Thermo Scientific FAIMS Pro Interface • PharmaFluidics μPAC Flex iON Connect ESI-MS interface
063200101	5	13°	360 μm	20 μm	62.5 mm	Uncoated	• Waters NanoFlow TM Source • Waters NanoLockSpray TM Source • Waters Z-spray TM Source • Waters Micromass TM Source

Contact us for help selecting suitable emitters, or to create custom emitters perfect for your unique workflows and applications - info@trajanscimed.com



Trajan emitters

Improve your lab's performance now with Trajan tapered nanospray emitters.

www.trajanscimed.com/emitter-tips



"After reviewing the performance of the Trajan emitters, they have demonstrated favourable properties that are consistent with high performance MS consumables. Equal, or greater sensitivity was observed across all metrics used by the MPMP to assess emitter performance when compared to the previous emitters utilized, and then there is a distinct advantage in using the Trajan product due to their compatibility with FAIMS based instruments."

Scott Blundell - Technical Lead, Monash Proteomics and Metabolomics Platform

Trajan Scientific and Medical

Science that benefits people

Trajan is actively engaged in developing and delivering solutions that have a positive impact on human wellbeing. Our vision focuses on enriching personal health through scientific tools and solutions.