

Fused silica nanospray emitters

The one emitter for every proteomics workflow

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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.

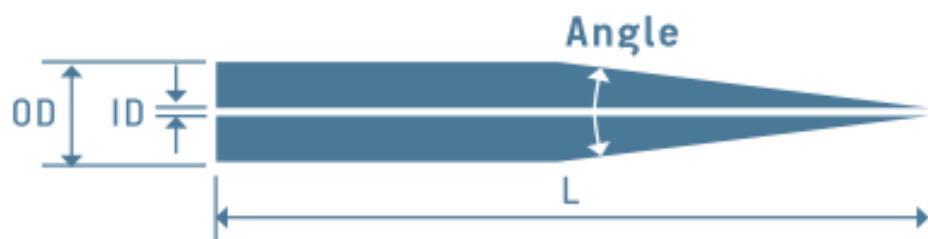
Utilize FAIMS interface

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

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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

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"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.

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CliniSciences Group

Austria

Company: CliniSciences GmbH
Address: Sternwartestrasse 76, A-1180
Wien - Austria
Telephone: +43 720 115 580
Fax: +43 720 115 577
Email: oesterreich@clinisciences.com
Web: <https://www.clinisciences.com>



Belgium

Company: CliniSciences S.R.L
Address: Avenue Stalingrad 52, 1000
Brussels - Belgium
Telephone: +32 2 31 50 800
Fax: +32 2 31 50 801
Email: belgium@clinisciences.com
Web: <https://www.clinisciences.com>



Denmark

Company: CliniSciences ApS
Address: Oesterbrogade 226, st. 1,
Copenhagen, 2100 - Denmark
Telephone: +45 89 888 349
Fax: +45 89 884 064
Email: danmark@clinisciences.com
Web: <https://www.clinisciences.com>



Finland

Company: CliniSciences ApS
Address: Oesterbrogade 226, st. 1,
Copenhagen, 2100 - Denmark
Telephone: +45 89 888 349
Fax: +45 89 884 064
Email: suomi@clinisciences.com
Web: <https://www.clinisciences.com>



France

Company: CliniSciences S.A.S
Address: 74 Rue des Suisses, 92000
Nanterre - France
Telephone: +33 9 77 40 09 09
Fax: +33 9 77 40 10 11
Email: info@clinisciences.com
Web: <https://www.clinisciences.com>



Germany

Company: Biotrend Chemikalien GmbH
Address: Wilhelm-Mauser-Str. 41-43,
50827 Köln - Germany
Telephone: +49 221 9498 320
Fax: +49 221 9498 325
Email: info@biotrend.com
Web: <https://www.biotrend.com>



Iceland

Company: CliniSciences ApS
Address: Oesterbrogade 226, st. 1,
Copenhagen, 2100 - Denmark
Telephone: +45 89 888 349
Fax: +45 89 884 064
Email: island@clinisciences.com
Web: <https://www.clinisciences.com>



Ireland

Company: CliniSciences Limited
Address: Ground Floor, 71 lower Baggot street
Dublin D02 P593 - Ireland
Telephone: +353 1 6971 146
Fax: +353 1 6971 147
Email: ireland@clinisciences.com
Web: <https://www.clinisciences.com>



Italy

Company: CliniSciences S.r.l
Address: Via Maremmana inferiore 378
Roma 00012 Guidonia Montecelio - Italy
Telephone: +39 06 94 80 56 71
Fax: +39 06 94 80 00 21
Email: italia@clinisciences.com
Web: <https://www.clinisciences.com>



Netherlands

Company: CliniSciences B.V.
Address: Kraaijenhoffstraat 137A,
1018RG Amsterdam, Netherlands
Telephone: +31 85 2082 351
Fax: +31 85 2082 353
Email: nederland@clinisciences.com
Web: <https://www.clinisciences.com>



Norway

Company: CliniSciences ApS
Address: Oesterbrogade 226, st. 1,
Copenhagen, 2100 - Denmark
Telephone: +45 89 888 349
Fax: +45 89 884 064
Email: norge@clinisciences.com
Web: <https://www.clinisciences.com>



Poland

Company: CliniSciences sp.Z.o.o.
Address: ul. Rotmistrza Witolda Pileckiego 67
lok. 200 - 02-781 Warszawa -Poland
Telephone: +48 22 307 0535
Fax: +48 22 307 0532
Email: polska@clinisciences.com
Web: <https://www.clinisciences.com>



Portugal

Company: Quimigen Unipessoal LDA
Address: Rua Almada Negreiros, Lote 5, Loja 14,
2615-275 Alverca Do Ribatejo - Portugal
Telephone: +351 30 8808 050
Fax: +351 30 8808 052
Email: info@quimigen.com
Web: <https://www.quimigen.pt>



Spain

Company: CliniSciences Lab Solutions
Address: C/ Hermanos del Moral 13
(Bajo E), 28019, Madrid - Spain
Telephone: +34 91 269 40 65
Fax: +34 91 269 40 74
Email: espana@clinisciences.com
Web: <https://www.clinisciences.com>



Sweden

Company: CliniSciences ApS
Address: Oesterbrogade 226, st. 1,
Copenhagen, 2100 - Denmark
Telephone: +45 89 888 349
Fax: +45 89 884 064
Email: sverige@clinisciences.com
Web: <https://www.clinisciences.com>



Switzerland

Company: CliniSciences Limited
Address: Marktgasse 18 8302 Kloten -
Switzerland
Telephone: +41 (044) 805 76 81
Fax: +41 (044) 805 76 75
Email: switzerland@clinisciences.com
Web: <https://www.clinisciences.com>



UK

Company: CliniSciences Limited
Address: 11 Progress Business center, Whittle
Parkway, SL1 6DQ Slough- United Kingdom
Telephone: +44 (0)1753 866 511
or +44 (0) 330 684 0982
Fax: +44 (0)1753 208 899
Email: uk@clinisciences.com
Web: <https://www.clinisciences.com>



USA

Company: Biotrend Chemicals LLC
Address: c/o Carr Riggs Ingram,
500 Grand Boulevard, Suite 210 Miramar
Beach, FL 32550- USA
Telephone: +1 850 650 7790
Fax: +1 850 650 4383
Email: info@biotrend-usa.com
Web: <https://www.biotrend-usa.com>

