

COAXIAL ACCESSORIES



Linari Engineering s.r.l.

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ALL YOU NEED FOR YOUR CORE SHELL NANOFIBERS:

Dielectric Support

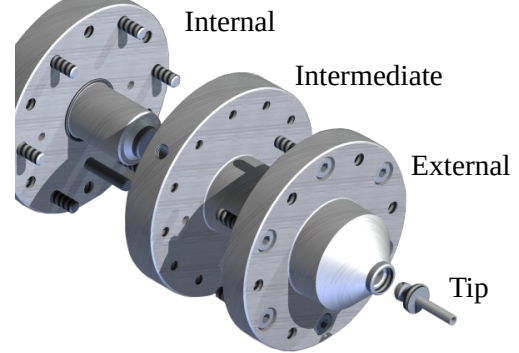
- Electrically insulating, dielectric support formed of PVC and fibreglass
- Compatible with both sealed and modular needles.
- Allows for free positioning of the needle
- Height adjustable from 50-200mm



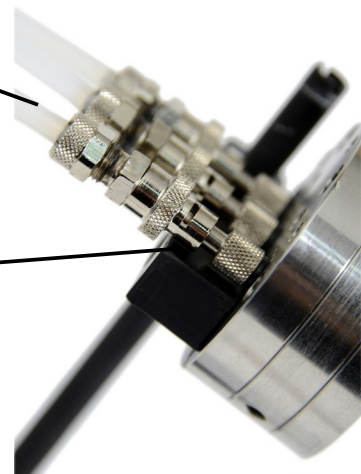
Modular Needles

- Available with 2 or 3 dismountable layers
- Ability to alter between number of layers
- Interchangeable and customisable tips to allow for easy modification depending on your electrospinning needs

Bases



PVC Tubing



Sealed Needles

- In either 2 or 3 layers
- Needles and layers both sealed in place
- Customisable needle dimensions to suit your requirements

Coaxial Needles Adapter

Sealing KIT to better connect adapters and tubes



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Sealed Coaxial Needles

What should I buy to complete the set?

All our needles are manufactured in AISI 316 stainless steel and are assembled entirely by a laser welding process.

Thanks to the manufacturing material, it is possible to spin any type of polymer, at a temperature up to 120°C in standard configuration.

These needles are very compact and make it possible to create high productivity configurations, since they can be assembled in parallel up to tens of units thanks to a simple, solid mechanical structure and the distribution of the solutions through standard Luer Lock or UNF connections. The rear threaded hole permits both the fastening to the support structure and the stable connection of the high voltage.



Adapter



Dielectric Support

To easily move needles and stabilize them

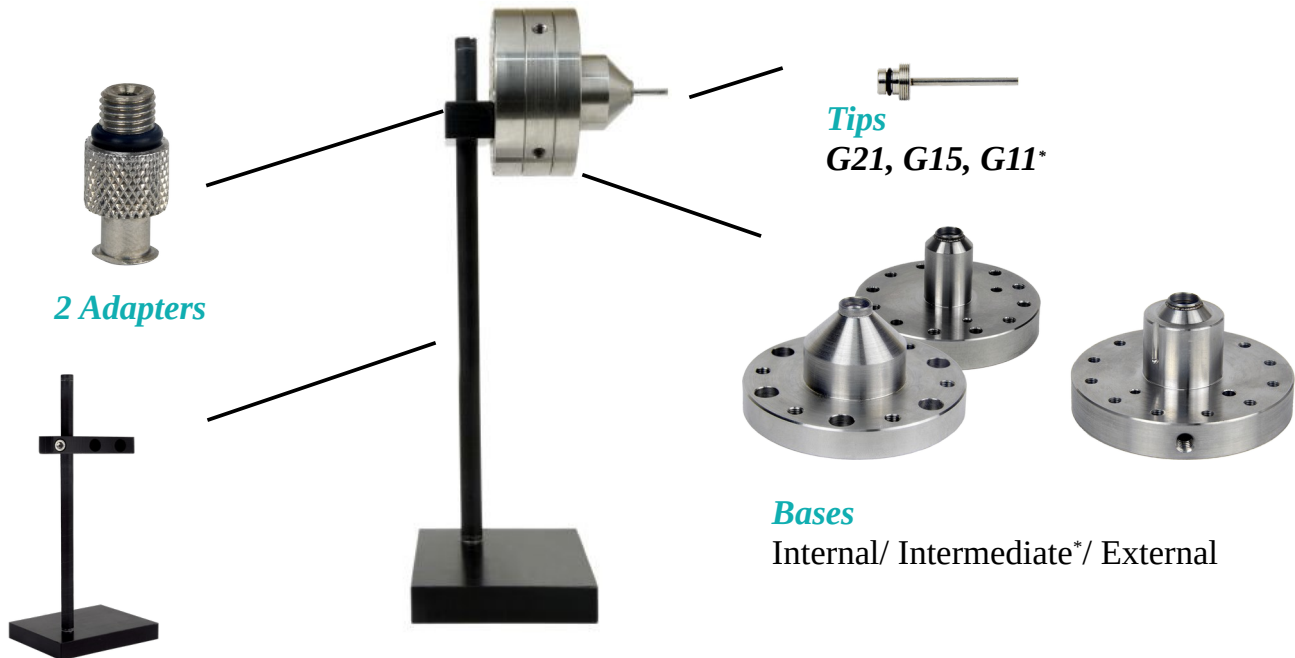


Sealing KIT to better connect adapters and tubes



Tubes to allow the syringe pump connection

What will I find in the Coaxial Needle KIT?



2 Adapters

Tips
G21, G15, G11*

Bases
Internal/ Intermediate*/ External

Dielectric Support

To easily move needles and stabilize them

**Complete your set with tubes and sealing kit*

Choose the right Configuration:

BASE	NEEDLE			
	code	Gauge	OD	ID
Layer 1 - Internal	COAX_N108	21	1.23	0.51
Layer 2 - Intermediate	COAX_N208	21	1.23	0.51
	COAX_N218	15	2.23	1.37
	COAX_N230	11	3.05	2.39
Layer 3 -external	COAX_N318	15	2.23	1.37
	COAX_N330	11	3.05	2.39

* Available only on the Coaxial needle Kit 3 Layers

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