COAXIAL ACCESSORIES
ALL YOU NEED FOR YOUR CORE SHELL NANOFIBERS:

**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

**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

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

**PVC Tubing**

**Sealing KIT** to better connect adapters and tubes

**Bases**
- Internal
- Intermediate
- External
- Tip

**Coaxial Needles Adapter**
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.

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**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:

<table>
<thead>
<tr>
<th>BASE</th>
<th>NEEDLE</th>
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<tbody>
<tr>
<td></td>
<td>code</td>
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<tr>
<td>Layer 1 - Internal</td>
<td>COAX_N108</td>
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<tr>
<td>Layer 1 - Internal</td>
<td>COAX_N208</td>
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<tr>
<td>Layer 2 - Intermediate</td>
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<td>COAX_N318</td>
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<tr>
<td>Layer 3 - external</td>
<td>COAX_N330</td>
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* Available only on the Coaxial needle Kit 3 Layers