

## COAX\_3DISP



Sealed coaxial needles 3 Layers

Rating: Not Rated Yet

**Price**

Salesprice with discount

161,00 €

3-5 Days

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Manufacturer [Linari Engineering srl](#)

Description

## Ideal solution for Core-Shell electrospinning

The sealed coaxial needles are manufactured in AISI 316 stainless steel and are assembled entirely by a laser welding process to guarantee maximum geometry precision and high levels of cleanliness in order to eliminate any risk of contaminating the solutions. Thanks to the manufacturing material, it is possible to spin any type of polymer, even with the most corrosive solvents, at a temperature up to 120°C in standard configuration.

Two standard versions are available with two or three concentric layers, which can be customized upon request. 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.

The sealed coaxial needles can be integrated with the [Starter Kit](#), with the [RT Collector](#), and with the [RT Advanced](#) that have a number of pumps per syringe equal to the number of layers used.

## Dimensions

|                              |            |
|------------------------------|------------|
| Body max diameter            | 25 mm      |
| Mechanical connection        | M6x10 hole |
| Fluid inlet connections      | UNF        |
| Needle n°1 - internal OD     | 0.8 mm     |
| Needle n°2 - intermediate OD | 1.8 mm     |
| Needle n°3 - external OD     | 3.0 mm     |

[LUERUNE](#) connectors not included

Units in box: 1