

The logo for EVOSEP, featuring the word in a white, sans-serif font. The letter 'O' is replaced by a stylized power button symbol, which consists of a circle with a vertical line through it and a small teal triangle pointing downwards.

EVOSEP

Evosep Pod for Agilent Nanospray

User Manual

UM-019A

Evosep Pod Overview and Intended Use

The intended use of the EV1191 Evosep™ Pod for Agilent Nanospray is to control the temperature of the analytical column during liquid chromatography - mass spectrometry (LC-MS) analysis. It is designed specifically to be used in combination with Evosep LC instrumentation, Evosep standard methods with specified analytical columns and emitters and Agilent MS detection. The Pod is intended to be used as part of a complete proteomic analysis workflow.

The Pod is intended to be used as General Laboratory Equipment (GLE).

Manufacturer

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Evosep Pod Disclaimer

Evosep™ Pod for Agilent Nanospray is designed, developed, and owned by Evosep™. The Pod is designed to work with Agilent Nanospray sources, which are owned and operated by Agilent. Evosep™ is an independent entity and is not affiliated with, endorsed by, or sponsored by Agilent.

All trademarks, product names, and logos associated with Agilent Nanospray are the property of Agilent. Use of the Pod in conjunction with Agilent Nanospray Sources is at the user's own discretion and risk. Evosep makes no warranties, express or implied, regarding the compatibility, performance, or safety of using the Pod with Agilent Nanospray. We make no guarantees regarding compatibility, functionality, or continued support if Agilent Nanospray Sources undergo changes or are discontinued. Any issues, damages, or malfunctions arising from the use of Agilent Nanospray Sources are not the responsibility of Evosep.

The information contained in this Manual is provided for general guidance and reference purposes only. While every effort has been made to ensure the accuracy and completeness of the information, Evosep assumes no responsibility for any errors or omissions. Evosep shall not be held liable for any direct, indirect, incidental, or consequential damages resulting from the use or misuse of the Pod.

To ensure safety and proper functioning, the Pod must be used strictly in accordance with the instructions in this Manual. Any unauthorized modifications, alterations, or use outside the intended purpose will void warranties and may result in unsafe conditions.

Evosep Pod Technical Specifications

Specifications	Value	
Pod Temperature	40 °C	104 °F
Power Supply	24VDC/20W From Evosep Eno instrument	
Operating Conditions	Normal laboratory environment conditions Indoor use only Altitude up to 2000 m (6562 ft) Temperature 15 – 30 °C (59 – 86 °F) ambient <i>For analytical specifications: 22 ± 3 °C (72 ± 6 °F)</i> Temperature fluctuations < 1 °C/hr (< 2 °F/hr) 20-80 % relative humidity, non-condensing	
Unit dimensions	30 x 175 x 22 mm	1.18 x 6.89 x 0.87 in
Weight	90 g	3.2 oz
Compatible Ionization Source(s)	Agilent Nanospray ionization source	

Safety Information

For safety considerations and instructions for use of the Agilent Nanospray ionization source refer to the Agilent Nanospray manual. If the Evosep Pod is used in a manner not specified by this Pod manual, the protection provided by the equipment may be impaired.

Parts required (additional to **Evosep Eno** and **MS**)

EV1191 Evosep Pod
for Agilent Nanospray

Agilent Nanospray
ionization source

EV1193 Evosep Pod
Agilent Nanospray
adapter (included)

Evosep Performance
Columns EV1182,
EV1109, EV1137

EV1117 Evosep
XL Emitter



Product Label Descriptions



Serial Number



Brand and Product Name



Evosep Part Number



CE Mark



The product should not be discarded
as unsorted waste but must be sent to separate
collection facilities for recovery and recycling.



Consult instructions for use



Country of manufacture & Year of manufacture



Manufacturer

Installation

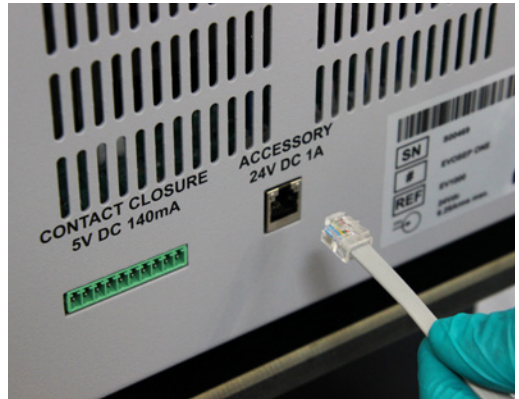
Step 1

Connect the Evosep Pod cable to the control unit.



Step 2

Connect the grey cable to the Evosep Eno accessory port. The Pod will now heat up to 40 °C. When the LED on the control unit gives a constant green light, the Pod is ready for use.



Operation

1. Assemble the Evosep transfer line, analytical column, emitter and adapter according to the Evosep instrument Advanced User Guide: www.evosep.com/support/documentation
2. Cut the label off the column (due to the tight fit inside the Evosep Pod) and store this label if required
3. Open the Evosep Pod, insert the column, emitter and adaptor assembly and close the lid
4. Care is needed when inserting the Evosep Pod assembly perpendicularly into the source to avoid emitter damage



Troubleshooting

For troubleshooting go to:

www.evosep.com/support/documentation

After use

- To turn off the Pod disconnect the cable to the Evosep Eno instrument.
- To remove the Pod disconnect the cable from the controller, take the Pod out from the Agilent Nanospray source, open the lid and remove the column, emitter and adapter assembly.
- After LC-MS analysis is completed the Pod can be taken out from the source, opened and the column, emitter and adapter assembly removed for storage.

Storage, Cleaning, Maintenance and Disposal

- The Pod is to be used and stored under the conditions in the technical specifications.
- When removed and disconnected, the Pod outer surface can be wiped clean with water and a tightly wrung out microfiber cloth. Do not use detergents or allow the Pod to get wet.
- Upon failure of the Pod it is to be disposed of and replaced.
- Disposal is to be in accordance with local regulations.