

The logo for EVOSEP, featuring the word in a bold, 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 Waters NanoLockSpray

User Manual

UM-017A

Evosep Pod Overview and Intended Use

The intended use of the EV1189 Evosep™ Pod for Waters NanoLockSpray 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 Waters™ 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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Support

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Sales

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Evosep Pod Disclaimer

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

All trademarks, product names, and logos associated with Waters™ NanoLockSpray are the property of Waters™. Use of the Pod in conjunction with Waters NanoLockSpray 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 Waters NanoLockSpray. We make no guarantees regarding compatibility, functionality, or continued support if Waters NanoLockSpray Sources undergo changes or are discontinued. Any issues, damages, or malfunctions arising from the use of Waters NanoLockSpray 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 47 mm	1.42 x 6.89 x 1.85 in
Weight	140 g	5 oz
Compatible Ionization Source(s)	Waters™ NanoLockSpray ionization source	

Safety Information

For safety considerations and instructions for use of the Waters™ NanoLockSpray ionization source refer to the Waters NanoLockSpray manual. If the Pod is used in a manner not specified by this Pod manual, the protection provided by the equipment may be impaired. Avoid touching the emitter sticking out from the heater and always keep the lid closed when the MS is running.



Parts required (additional to Evosep Eno and MS)

EV1189 Evosep Pod for Waters NanoLockSpray

Waters NanoLockSpray ionization source

EV1192 Evosep Pod Waters NanoLockSpray adapter

Evosep Performance Columns EV1182, EV1109, EV1137

EV1086 Stainless steel emitters



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

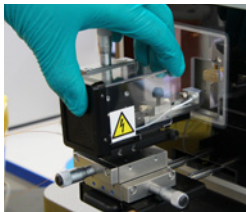


Manufacturer

Installation

Step 1

Remove the protective cover from the Waters NanoLockSpray source



Step 2

Install the Pod with the finger screw



Step 3

Connect the cable to the control unit and connect the control unit to the Evosep Eno.

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.



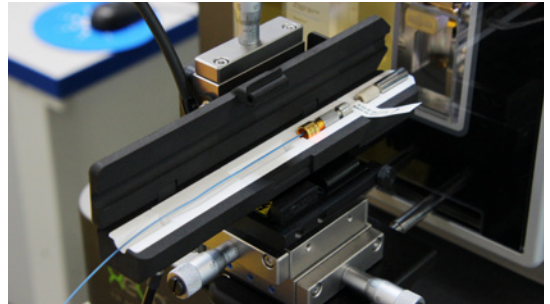
Operation

1. Assemble the Evosep transfer line, analytical column, emitter and adaptor assembly
2. Open the Evosep Pod lid, insert the column, emitter and adaptor and close the lid



Troubleshooting

For troubleshooting go to:
www.evosep.com/support/documentation



After use

- After LC-MS analysis is completed the pod lid can be opened and the column, emitter and adapter assembly can be taken out for storage.
- To turn off the Pod disconnect the cable to the Evosep Eno instrument.
- To remove the Pod open the lid and remove the column, emitter and adapter assembly, disconnect the Pod cable and unscrew the finger screw from the Waters NanoLockSpray source. Reinstall the NanoLockSpray source protective cover.

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..