



pergo Argon Nebulizer Gas Humidifier

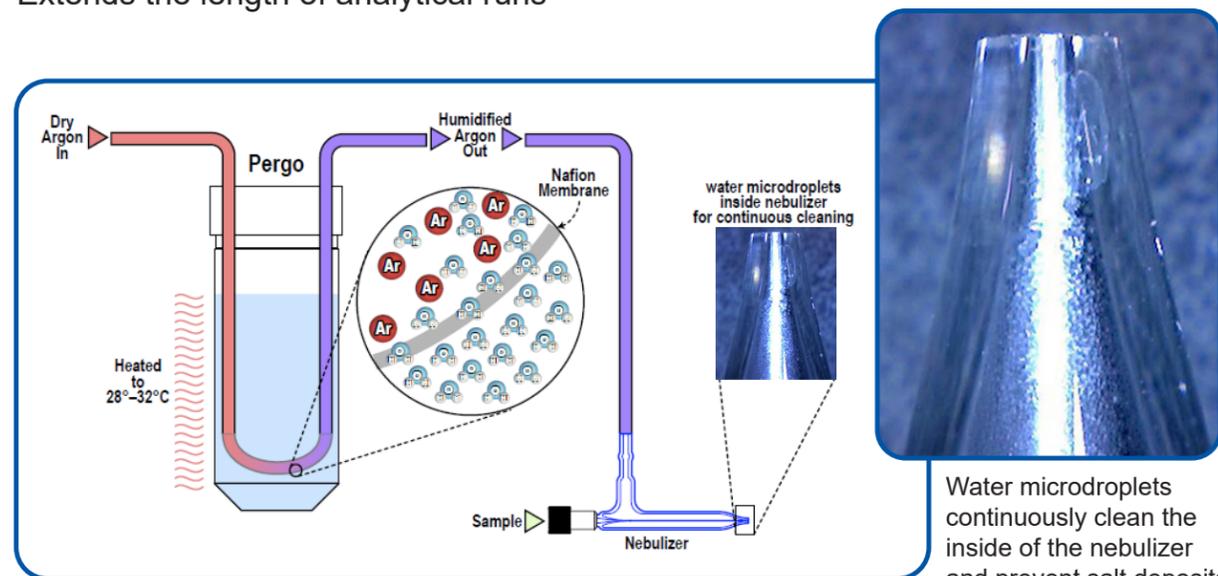
Enhance ICP and ICPMS Productivity

The *pergo* improves performance of all concentric nebulizers. Nebulizer efficiency decreases long before a clogged tip is detected. Unnoticed salt crystals formed in the nebulizer tip reduce sensitivity and stability.

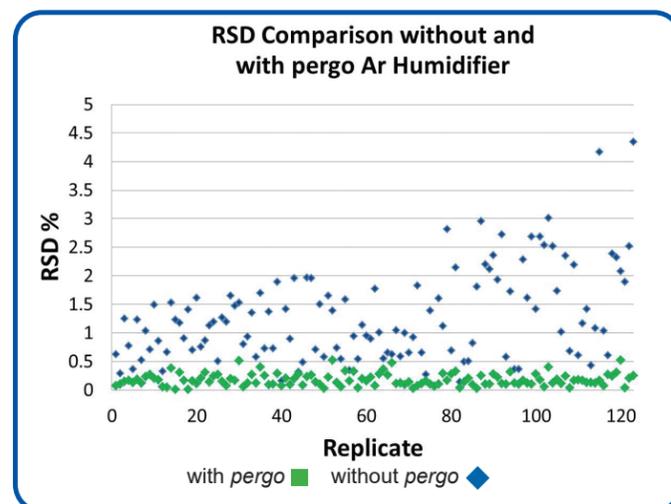
A high-pressure membrane positioned inside a temperature-controlled water reservoir perfuses water vapor into the nebulizer gas stream. By increasing humidity in the argon nebulizer gas, *pergo* prevents salt deposits at the nebulizer tip, improving short and long-term signal stability.

Benefits

- Improved RSDs
- Improved short and long-term stability
- Improved detection limits
- Faster washout
- Ability to use high-sensitivity nebulizers for high-TDS samples
- Reduce long-term drift
- Extends the length of analytical runs



Ar nebulizer gas is humidified using a tube-shaped membrane placed in a PFA water reservoir at atmospheric pressure. The water vapor condenses inside the nebulizer tip, preventing salt build-up.

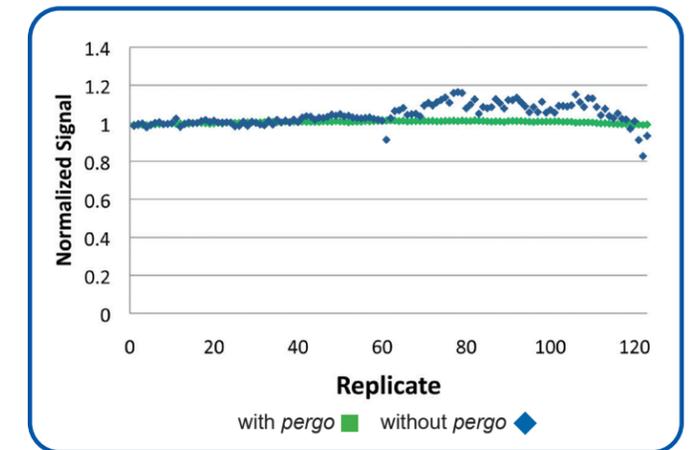


RSDs for 5% NaCl samples improve with the *pergo*.

Advantages

The unique *pergo* design offers many advantages over other types of argon humidifiers.

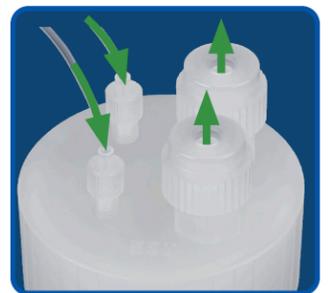
- Higher, more consistent humidity
- Superior long-term stability
- Safe and easy to use:
 - Atmospheric pressure water reservoir
- Optional USB communication for programmable humidity levels



Long-term stability is improved with the *pergo*, reducing drift and extending the length of the analytical run.

pergo 2

The *pergo 2* also enhances the performance of ICPMS systems when a dilution gas (UHMI, AMS, and Ar Dilution) is utilized. As with the main nebulizer, the argon gas used for dilution is very dry. *pergo 2* includes a second port which humidifies this dilution gas stream in addition to the nebulizer gas flow, enhancing performance by further improving nebulizer stability.



Description

pergo argon high solids accessory. Includes nebulizer gas line connector kit.

pergo argon high solids accessory. Includes a MEINHARD® TR+ high performance nebulizer.

pergo argon high solids accessory. Includes a PFA-ST nebulizer.

pergo Options

<i>pergo</i> for ICP or ICPMS (no dilution gas)	<i>pergo 2</i> for ICPMS (with dilution gas)
<i>pergo</i> Part Number	<i>pergo 2</i> Part Number
PRG-01	PRG-02
PRG-01-MCPlus	PRG-02-MCPlus
PRG-01-ST	PRG-02-ST



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