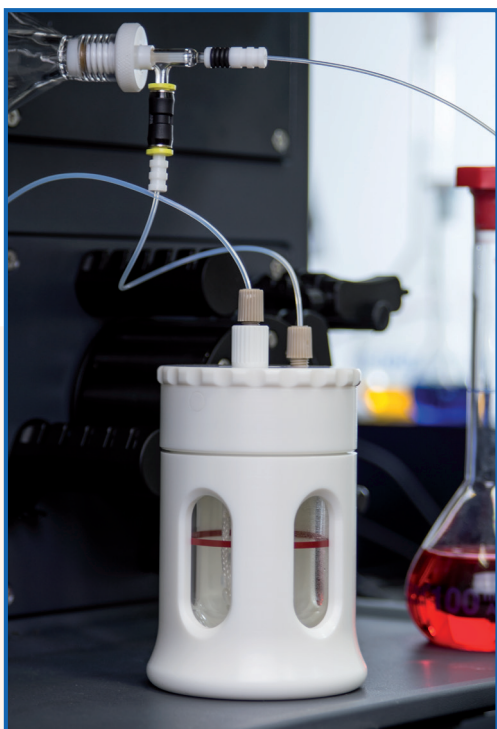


ELEGRA™ ARGON HUMIDIFIER

An Argon Humidifier is commonly used in ICP analyses involving samples with high concentrations of dissolved solids. It helps to alleviate salt deposits in the nebulizer and torch injector, allowing uninterrupted and maintenance-free operation.

- Compact, cost-effective design.
- No heating or electric power required.
- Non-pressurized water reservoir.
- An easy-to-use bypass switch allows you to take the Elegra off-line without disconnecting argon lines. (Not available with Elegra Dual)
- Highly efficient membrane humidification technology.
- Improved signal stability for samples with high TDS.
- Simple to use and maintain.
- Facilitates long, uninterrupted run times.
- Inert metal-free construction eliminates possibility of contamination.
- Rugged and durable polymer casing.
- Maximum and minimum fill marks ensure that you are always operating under optimum conditions.
- Compatible with all ICP-OES and ICP-MS models.
- Elegra Dual two-channel configuration available for ICP-MS instruments using auxiliary argon.



Simple Installation

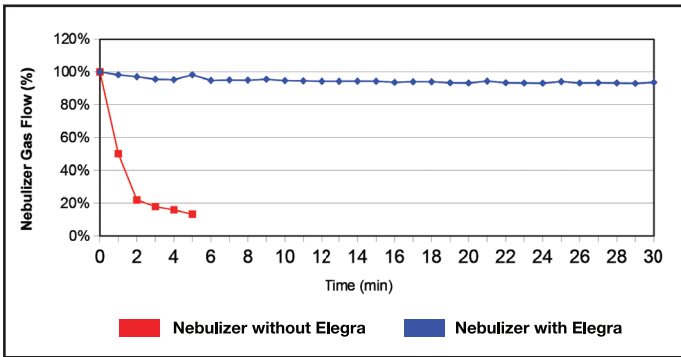
- Easy to install
- Metal-free ratchet style fittings
- Customized gas connection for each ICP model
- Fits easily near the nebulizer



GLASS EXPANSION
Quality By Design

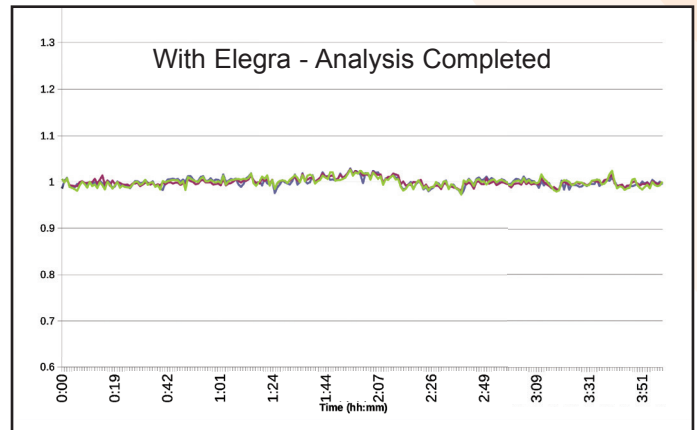
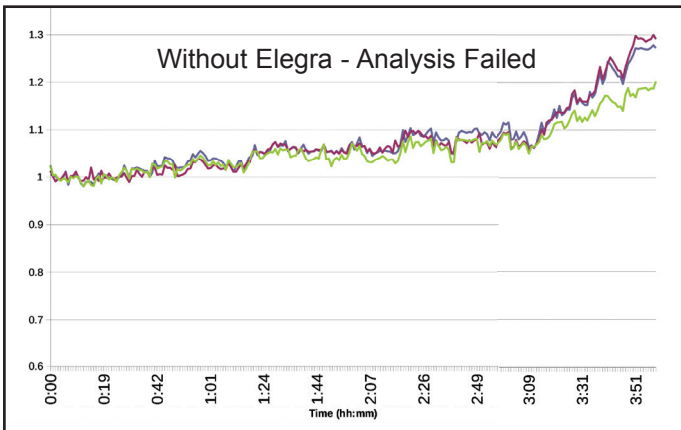
Elegra™ Advantages

High Salt Stress Test



The graph at left is the result of an extreme test, aspirating a 25% salt solution continuously without rinsing. Without the Elegra, the nebulizer begins to clog after only a few minutes as designated by the steep decrease in nebulizer flow. However, with the Elegra installed, the nebulizer is stable for well over 30 minutes.

Stability in Lithium Metaborate



■ IS 1 ■ IS 2 ■ IS 3

The graphs above demonstrate the benefit of using the Elegra with the real-world application of analyzing fusion samples with 0.5% lithium metaborate by ICP-OES. All three internal standard lines monitored began to drift quickly when no Elegra was used, while their responses were very stable with the Elegra installed.



INTERNATIONAL

Glass Expansion • 6 Central Boulevard • Port Melbourne • Vic 3207, Australia
Telephone: +61 3 9320 1111 • Toll Free (Aust): 1800 777 638
Facsimile: +61 3 9320 1112 • Email: enquiries@geicp.com

AMERICAS

Glass Expansion • 4 Barlows Landing Road • Unit 2A • Pocasset, MA 02559, USA
Telephone: 508 563 1800 • Toll Free (US): 800 208 0097
Facsimile: 508 563 1802 • Email: geusa@geicp.com

www.geicp.com