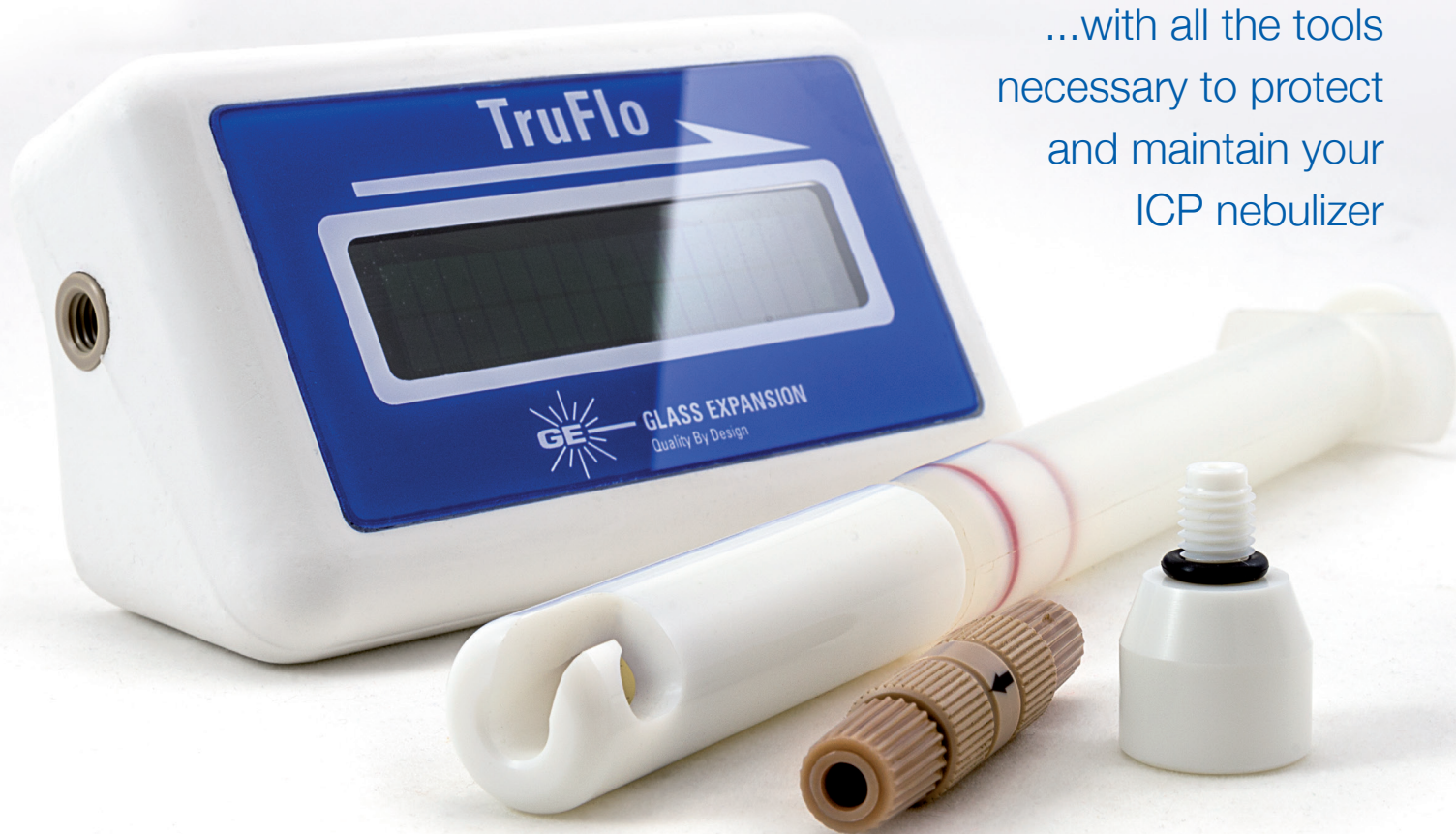


Enhance day-to-day reproducibility
of your ICP results with the

QA KIT

The QA Kit combines the TruFlo Real-Time sample monitor...

...with all the tools
necessary to protect
and maintain your
ICP nebulizer



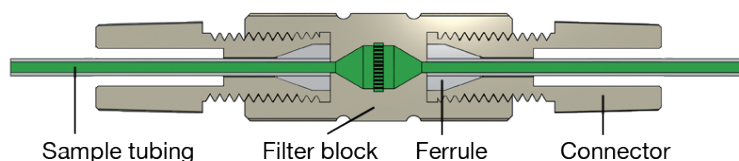
GLASS EXPANSION
Quality By Design

www.geicp.com

QA Kit

The Glass Expansion QA Kit (P/N KT-1136) is a convenient package designed to drastically reduce ICP down time due to a blocked nebulizer and assure your sample introduction system is running optimally.

Inline Filter



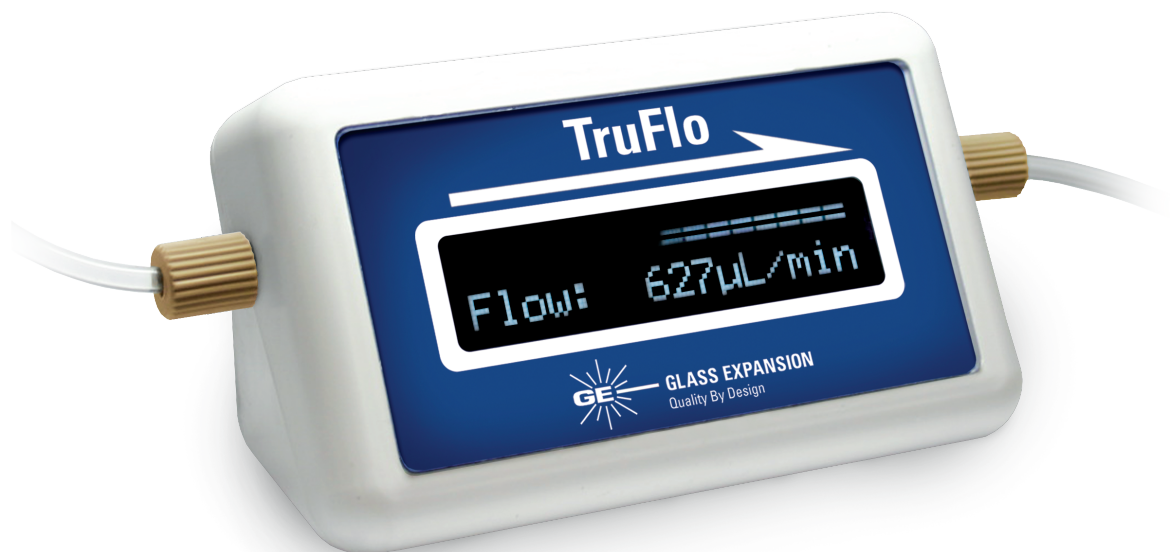
The re-usable inline filter provides a simple and effective way to eliminate the risk of a clogged nebulizer. It incorporates a 120 micron PEEK filter and is easily inserted in the sample tubing.

Eluo Cleaning Tool

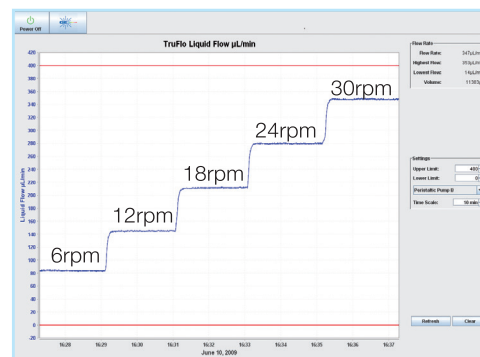
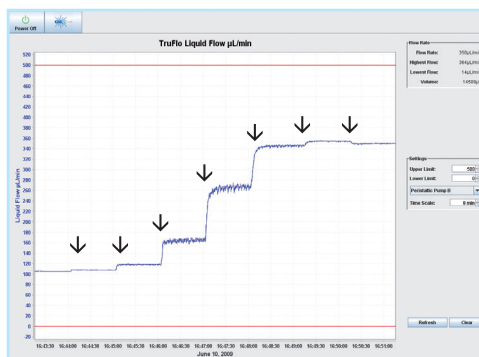
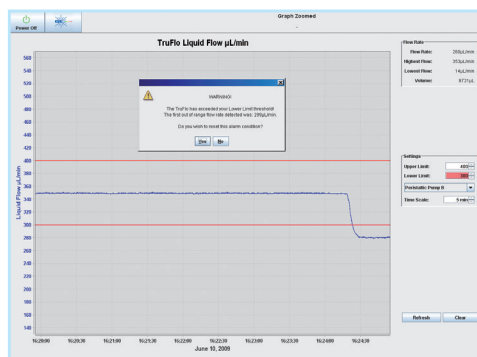


Daily maintenance is easy, simply use the Eluo Cleaning Tool to conveniently back-flush your nebulizer and inline filter. For a thorough cleaning, soak the filter (~5min) in a 25% Fluka solution (GE P/N FLUKA25), sonicate the assembly for ~5min, and then backflush with DI water three times.

TruFlo Sample Monitor



With the TruFlo sample monitor you have a continuous real-time display of the liquid flow to the nebulizer. The TruFlo can be used to alert the analyst when the inline filter needs to be back-flushed in addition to optimizing nebulizer conditions.



Additional Features of the TruFlo include:

- Adjustable damping
- Settable alarm limits
- Digital display
- Recordable graph
- Range: 0 to 4mL/min
- HF resistant models available
- Can be calibrated for non-aqueous solutions

Nebulizer Maintenance

To keep your nebulizer in good condition, always start and finish a run by nebulizing a mildly acidic blank solution followed by deionized water for several minutes. This ensures that sample deposits do not form inside the nebulizer when the solvent dries out.

If there are salt deposits that cannot be removed with the Eluo, we recommend the following cleaning procedure:



Fluka sold separately

1. Initially flush your nebulizer with warm water using the Eluo.
2. Soak the nebulizer tip in a 25% solution of Fluka RBS-25 (P/N FLUKA25) for 24 hours. Use the Eluo to make sure the Fluka solution fills the nebulizer. An initial flush of 25% Fluka using the Eluo may be required.
3. Flush 3 times with warm water using the Eluo.
4. Stubborn deposits may require an additional soaking for 2 hours with nitric acid (5% concentration).
5. Flush 3 times with warm water using the Eluo.
6. For faster drying, flush again with methanol.

Additional Nebulizer Maintenance Tips:

- Do not attempt to unblock nebulizers with wires or probes. This is quite likely to damage the nebulizer.
- Do not clean nebulizers in an ultrasonic bath.
- Do not use hot water when cleaning OpalMist, PolyCon or DuraMist nebulizers.
- Never touch the nebulizer tip. Any deposit of body oils can have a detrimental effect on the performance of the nebulizer.



For your nearest Glass Expansion distributor, visit our website at www.geicp.com

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