

KNOW WHEN TO CHANGE YOUR Polyarc®

Three Simple Steps

Recommended every 3 to 6 months

STEP ONE:

Tare flow controller and measure the air and hydrogen flows.

- 1) Air should be 2.5 sccm +/- 0.3 sccm.
- 2) Hydrogen should be 35 sccm +/- 3 sccm

STEP TWO:

On an installed Polyarc run the Polyarc Test Mix (Polar ISO) or a suitable sample with known concentrations on your GC/FID.

STEP THREE:

Quantify all peaks and calculate the average error.

Note: 10% is a typical error that would warrant replacement, however different methods may not be as sensitive to accuracy, consult your method for more information.

If the average error is >10% call ARC to discuss your application use and a replacement order or replacement subscription.



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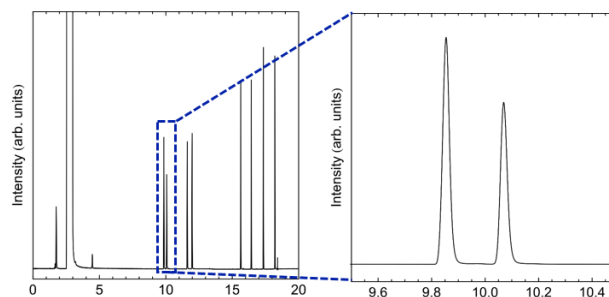
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Why is this Important?

A new Polyarc reactor will allow for accurate quantitative analysis without the need for individual calibration standards.

An old reactor will begin to show peak tailing or loss in response, resulting in inaccurate quantitation. **Peak tailing may indicate a contaminated Polyarc.**

New Polyarc Reactor Sharp Peaks



A Polyarc replacement may be needed. Tailing Peaks

