



# Polyarc<sup>®</sup> and Jetanizer<sup>™</sup> Comparison

**The Polyarc<sup>®</sup> system and the Jetanizer<sup>™</sup> each have specific benefits, depending on your application.**

## What is the Polyarc<sup>®</sup> System?

The Polyarc<sup>®</sup> system is a breakthrough innovation that combines catalysis with chemical analysis to revolutionize 60 year-old GC/FID technology. The Polyarc converts all organic molecules to methane after chromatographic separation for a truly uniform FID response.

## What is the Jetanizer<sup>™</sup>?

The Jetanizer<sup>™</sup> is the world's easiest methanizer to use and allows for drastically simpler analysis of CO and CO<sub>2</sub>. It installs in your FID like a normal jet to catalytically convert CO and CO<sub>2</sub> to methane for ppb-to-100% concentration detection.

	Polyarc <sup>®</sup> System	Jetanizer <sup>™</sup>
<b>Universal Response</b>	✓	✗
<b>Resistant to Poisons</b>	✓	✗
<b>Capillary Column Compatible</b>	✓	✓
<b>Accurate CO and CO<sub>2</sub> Conversion</b>	✓	✓
<b>Reduction in Calibration</b>	✓	✓
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Reduce the need for traditional calibrations</li> <li>• Quantify compounds with unavailable commercial standards</li> <li>• Increase sensitivity for select compounds (CO, CO<sub>2</sub>, formic acid, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• Drastically simpler FID analysis of CO and CO<sub>2</sub></li> <li>• Quick installation: installs in FID like a normal jet</li> <li>• No extra plumbing, heaters, gases, or toxic catalysts</li> </ul>

612.787.2721  
[www.activatedresearch.com](http://www.activatedresearch.com)  
[contact@activatedresearch.com](mailto:contact@activatedresearch.com)

7561 Corporate Way  
 Eden Prairie, MN 55344