

Jetanizer™

A Methanizer in an FID Jet

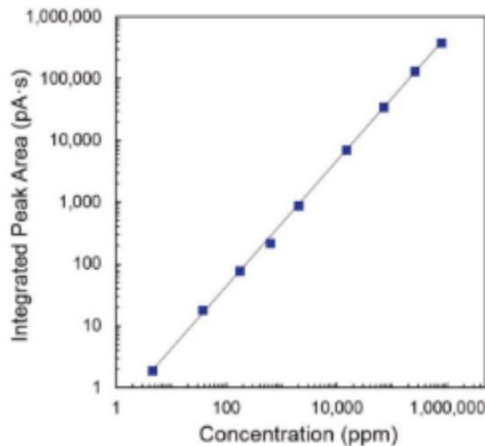


For use with these GC models:
Agilent 5890, 6890, 7890, 8890 and Intuvo.
Shimadzu 2010 and 2030.

What is it?

The Jetanizer is the easiest & most robust methanizer. A methanizer is a chemical reactor that converts carbon dioxide and carbon monoxide to methane to enable sensitive detection by a flame ionization detector (FID) from <20 ppb to 100%

Linear CO₂ Response

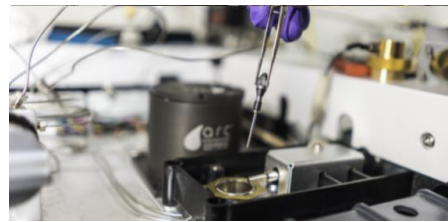


Why is it important?

Low level detection of CO & CO₂ is important in catalysis, hydrogen purity analysis, dissolved gas analysis (DGA) & transformer oil gas analysis (TOGA), ethylene/propylene monomers, sage entry analysis, more

Easy to install in minutes

1. The first 3D printed methanizer in an FID jet loaded with catalyst for methanation.
2. Designed to turn the traditional Flame Ionization Detector (FID) into a methanizer.
3. The Jetanizer is a simple, easy to replace solution to traditional bulky methanizers.
4. Economical replacement for methanizers.
5. The Jetanizer is the easiest and most robust methanizer on the market.



Benefits of the Jetanizer (Methanizer)

- Lower up-front cost
- No extra plumbing: minimize fittings and leaks
- No extra heater or controller; utilizes heat from FID
- FAST installation: Less than 5 minutes
- Ability to be used with formaldehyde
- Higher sulfur tolerance
- Higher catalytic activity = larger linear dynamic range
- Free up space on the GC
- No toxic metals: The Jetanizer™ does not contain nickel catalysts

The Jetanizer meets performance specifications for all methanizer applications/methods.