

Meet The **World's First** Multi-Mode FID In Nexis GC-2060



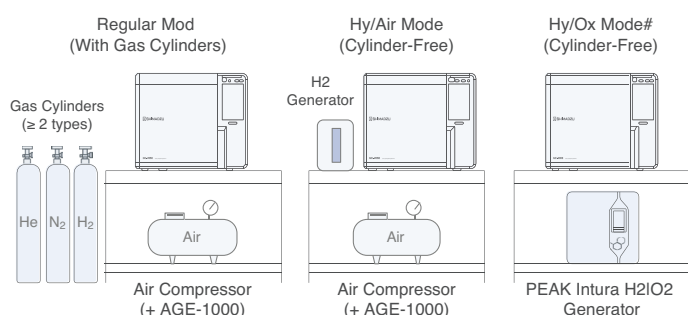
High Performance And Low Maintenance Multi-Mode FID

The new FID-U (2.0) in the Nexis GC-2060 reengineers conventional FID to maximize uptime and efficiency. With new Air and O₂ makeup gas options, you can streamline your gas supply – saving cylinder costs and lab space. Its capabilities can be further expanded with Shimadzu's proprietary Jetanizer and Polyarc microreactors.

Feature of Comparison	GC-2060	Previous Model
Minimum Detectable Quantity (MDQ)	1.0 pg C/s (<i>Industry's Highest</i>)	1.2 pg C/s
Nozzle Materials	Metal (<i>Improved Robustness</i>)	Metal & Quartz
Makeup Gas Types	He / N ₂ / Air / O ₂ (<i>Cylinder-free OK</i>)	He / N ₂

Cylinder-Free FID Operation With Hy/Ox and Hy/Air Modes

Routine operation with traditional FIDs is often costly and complex, requiring a three-gas setup: a He or N₂ makeup gas combined with H₂ and Air. The new FID simplifies your infrastructure by introducing Air and O₂ as makeup gas alternatives, **unlocking true cylinder-free operation**.* This helps to reduce running cost and cut helium usage.



Specs	3-Gas	Hy/Air	Hy/Ox
MDQ (pg C/s)	1.0	1.5	3.0

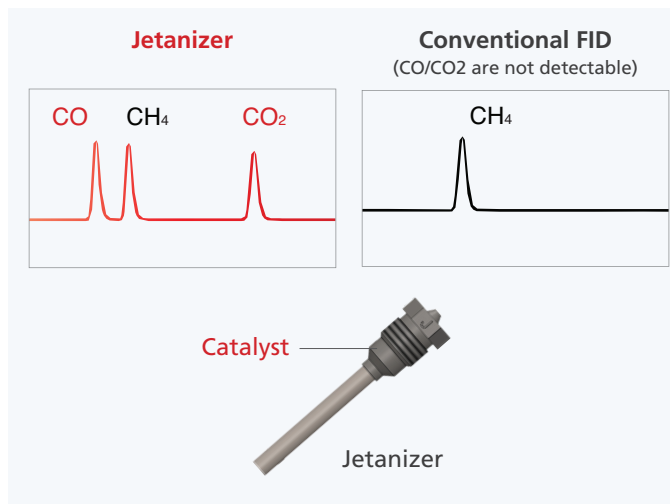
* MDQ depends on laboratory's utility conditions
 * Silica gel is recommended to remove moisture from gas supply
 * Consult Shimadzu for recommended configurations and safety requirement
 # Each Intura H₂/O₂ generator can connect to only one GC
 # Changing from Hy/Ox to other modes must be performed by Shimadzu service engineer

Keep Your Bench Space As You Expand Your Analyte Coverage

Seamlessly integrate Jetanizer and Polyarc microreactors to boost detector response for weak or undetectable compounds. The new FID delivers simpler quantitation and broader analysis capabilities with zero extra footprint.

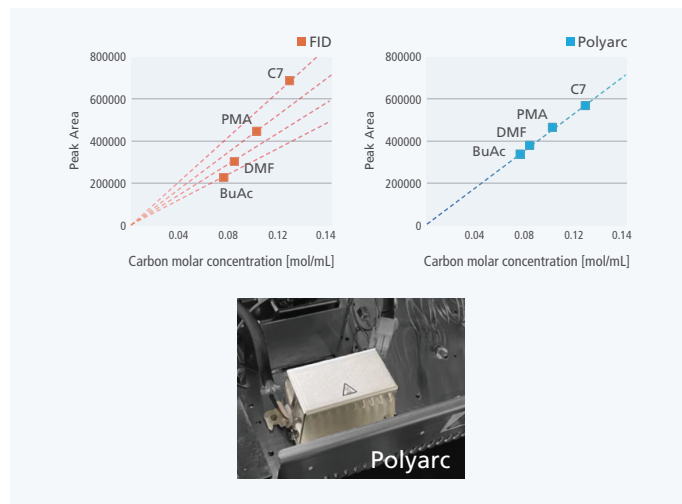
Jetanizer Mode (CO and CO₂ Detection)

- Converts CO and CO₂ to CH₄ for detection
- Enabled by simply replacing the FID nozzle



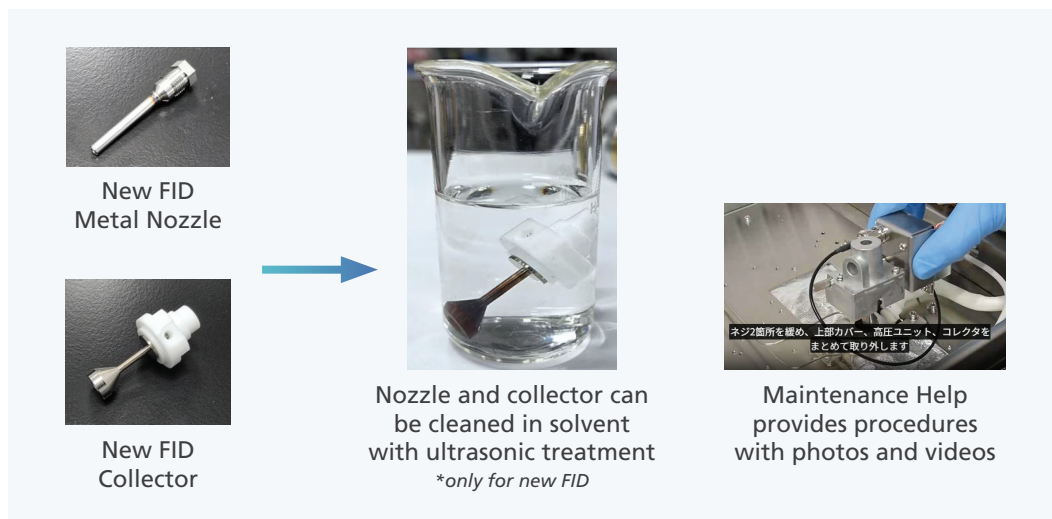
Polyarc Mode (Single-Calibration Approach)

- Converts hydrocarbons, CO and CO₂ to CH₄ for detection
- Provides universal response across compounds
- Quantitates the above using just one calibration curve



Enhanced Robustness, Simplified Maintenance

The new FID features an integral metal nozzle and a streamlined collector designed for straightforward user disassembly and cleaning. Supported by detailed, step-by-step video guides within the built-in Maintenance Help feature, routine servicing is clear and fast for users of any experience level to perform with confidence.



Shimadzu (Asia Pacific) Pte Ltd.
www.shimadzu.com.sg

For Research Use Only. Not for use in diagnostic procedures.

This publication may contain references to products that are not available in your country. Please contact us to check the availability of these products in your country.

Company names, products/service names and logos used in this publication are trademarks and trade names of Shimadzu Corporation, its subsidiaries or its affiliates, whether or not they are used with trademark symbol "TM" or "®".

Third-party trademarks and trade names may be used in this publication to refer to either the entities or their products/services, whether or not they are used with trademark symbol "TM" or "®".

Shimadzu disclaims any proprietary interest in trademarks and trade names other than its own.

The contents of this publication are provided to you "as is" without warranty of any kind and are subject to change without notice. Shimadzu does not assume any responsibility or liability for any damage, whether direct or indirect, relating to the use of this publication.

© June 2026 Shimadzu (Asia Pacific) Pte Ltd