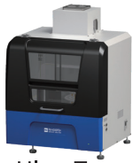
FOR HIGH QUALITY MERCURY ANALYZERS

Mercury in Liquid Hydrocarbons

Ultra-Trace Mercury Analyzer



Mercury in Water & Wastes

Fully Automated & Continuous Mercury Monitor

TO SERVE YOU BETTER

NIPPON INSTRUMENTS CORPORATION (NIC), the global leader in Mercury Analyzer automation and instrumentation, commercialized the world's first direct thermal decomposition Mercury Analyzer back in the 1970s. Since then, we have continued to develop, sell, and install a vast range of Mercury Analyzers and customized solutions around the world for regulatory agencies and instituitions, universities, research groups, oil & gas refineries, petrochemical industries, food providers, biology & toxicology science groups, and more.

Thanks to our strong R&D capacities and technological innovations, NIC is the driving force in the Mercury Analyzer market, setting the standards for functional scope and user-friendliness. With a wide network of knowledgeable sales partners and qualified service partners, we provide scientifically-sound and environmentally responsible solutions for our customers around the globe.

www.hg-nic.com

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MADE IN JAPAN

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EN

MEASURING MERCURY - SINCE 1978

NIC
MERCURY

HIGH-PRECISION
MERCURY ANALYZERS & MONITORS
FOR LABORATORY, RESEARCH & INDUSTRY

YOUR WORLDWIDE PARTNER

Direct Mercury Analyzer

Mercury in Air & Gases

Mercury in Flue Gases

Mercury Survey Meters

TRUST US & ALLOW US

MODEL PE-1000
Series

Highly innovative, fully automated mercury analysis for your liquid hydrocarbons with unmatched sensitivity and precision.
Fully compliant & accredited for **UOP Method 938**

MODEL MA-3000
Series

Quick, accurate & easy to use direct mercury analyzers for solid, liquid and gas. With no sample preparation required and multiple configurations available to meet your budget or automation needs.

No one does direct mercury analysis better than NIC!

MODEL AM-6F
Series

Fully Automated, Continuous Mercury Monitor, the AM-6F is designed to measure gaseous elemental mercury (GEM) from ambient air accurately down to the sub nano-gram per cubic-meter level. The technique used is Direct Gold Amalgamation Sampling – CVAFS (Fluorescence technology) Detection.

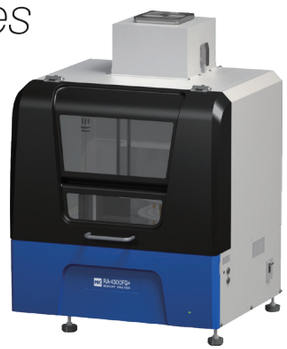
MODEL EMP-3
Series

Light-weight, compact, high sensitivity mercury survey meter, allows direct real-time mercury measurements in the workplace, satisfying occupational hygiene and environmental safety guidelines like **WHO**, **OSHA**, **NIOSH**, **ACGIH** and more. Real-time results are highly crucial in order to allow quick decision making to minimize human exposure.

MODEL WA-5
Series

Ultra-trace mercury analysis in gases ranging from ambient air to LNG / LPG by certified **EPA, ASTM, ISO & UOP** methods. Available in AAS or AFS versions with multiple innovative automated sampling options.

MODEL RA-4000FG+
Series



Completely automated solution for your ultra-trace mercury (CVAFS) analysis by regulatory methods **USEPA 1631**, **245.7**, **EN-1483**, **ISO 17852** & more. Automated addition of oxidant, quenching agent & reduction reagent combined with direct-purge technology in a fully enclosed "clean-room" environment.

MODEL RA-7000A
Series

RA-7000A CVAAS Mercury Analyzer with innovative Discrete Direct Purge Reducing Vaporization Technique ensures unrivaled accuracy and precision. Boasting a detection limit of 0.5 ppt and a range up to 400 ppb, the RA-7000A is compatible with our versatile SANPRA™ Autosampler series. Experience reduced waste, faster analysis, and lower power consumption while protecting the environment.

Satisfies method USEPA 245.1, 245.2, 7470A, APHA 3112B, ISO 12846, ASTM D 3223, JIS K0102

MODEL SGM-9
Series

In this revolutionary & innovative design, NIC has produced an ultra-compact mercury monitor for on-site, real time measurement of mercury in stack gases. Simple yet reliable & lightweight for transport, with quick setup and ease of use. A great option for real-time verification of current CEMs or for optimization of stacks currently using absorbents for mercury removal.