



info@nutechins.com

Home

Nutech

Products ▾

Projects & Cases

Support & Resource ▾

News

Home | Nutech N20 TVOC Online Analyzer

Nutech N20 TVOC Online Analyzer



The Nutech N20 TVOC online analyzer is suitable for continuous and real-time online monitoring of total volatile organic compounds (TVOCs). Likely pollution sources include petrochemical, chemical, cement building materials, rubber products, biopharmaceutical, industrial coating, packaging and printing, electronic information, synthetic materials, textile printing and dyeing, solid/hazardous waste disposal, and landfills

Features of Nutech N20 TVOC Online Analyzer

1. Real-time Online, Fast Response

Direct FID detection without chromatographic column, quantitative tube or quantitative ring, instantaneous (0.1s) response.

2. Strong Anti-interference Ability

Using reliable internal heating technology, the gas is discharged from the exhaust port until it is detected by FID. The process of heat tracing can avoid condensation and water



**Australian Distributors
Importers & Manufacturers
chromtech.net.au**



interference of fine particulate matter, acids/bases, water, carbon dioxide and other compounds commonly found in industrial exhaust gas.

3. Mature Technology and Stable Data

- With FID detector, all volatile organic compounds have a good response, mature and reliable technology, wide linear range and stable data, meet with EPA-25A.

4. High Automatic

- The instrument can automatically select measuring range, ignition, fuel shutdown, flameout indication, automatic calibration and zero adjustment by program control.

5. Extensibility

- Single or double channels can be selected according to the working conditions (that is, one instrument can monitor two pollution sources online at the same time). When the physical distance of flue gas is relatively close, the design of double channels can effectively reduce user costs.

If equipped with sampling pipeline, zero/hydrogen generator, controller, etc., the on-line monitoring system can be formed and seamlessly docked with the upper data management system.

Technical Data of Nutech N20 TVOC Online Analyzer

Test Method	FID
Measurement Range	0.1 ppb to ppm level
Linearity	RSD< 10%
Repeatability	RSD< 5%
Stability	RSD< 5%
Drift	±5% (F.S)
Maximum Power	0.6kW
Voltage	110V/60Hz or 220V/50Hz±10%





Nutech Instruments Products Family

Air Lab Sample Prep Products	Air/Gas Sampling Products	Online VOCs Analysis Products	6000-C Portable VOCs Analysis Products
8910 Preconcentrator	2703 Automatic Air Sampling Device	NMHC Online Analyzer	3000 Portable NMHC Analyzer
3610 Autosampler	2600ST Multifunctional Automatic Air Sampling System	6000-5D VOCs Online Analyzer	Accessories & Consumables
2104 Canister Cleaning System		PCGC-TOF VOCs Online Analysis System	Accessories & Consumables
2203 Precision Static Dilutor	2600GT Carry-on Automatic Multifunctional Sampling System	N20 TVOC Online Analyzer	Sampling Canister / SUMMA Canister
7000 NMHC Analyzer			

QUICK NAVIGATION

- [Nutech Instruments Profile](#)

- [Nutech Projects & cases](#)
- [Catalogs](#)

- [Catalogs | Leaflets | Manuals](#)

- [Nutech Service](#)

- [VOCs Related Standards & Methods](#)

- [Technical Articles](#)

NUTECH PRODUCT LINES

- [Air Lab Sample Prep Products](#)

- [Air/Gas Sampling Products](#)

- [Online VOCs Analysis Products](#)

- [Portable VOCs Analysis Products](#)

- [Accessories & Consumables](#)

RECENT NEWS

- Application Note by Using Nutech Preconcentrator System for TX 85 Target Compounds in Lab Analysis

- Application Note by Using Nutech Preconcentrator System for PAMS Compounds in Lab Analysis

- Not all 3.2 L air sampling canisters are 3 liters. Wait... what!?



**Australian Distributors
 Importers & Manufacturers
chromtech.net.au**



Nutech Instruments Products Family

Air Lab Sample Prep Products

8910 Preconcentrator

3610 Autosampler

2104 Canister Cleaning System

2203 Precision Static Dilutor

7000 NMHC Analyzer

Air/Gas Sampling Products

2703 Automatic Air Sampling Device

2600ST Multifunctional Automatic Air Sampling System

2600GT Carry-on Automatic Multifunctional Sampling System

Online VOCs Analysis Products

6000-C NMHC Online Analyzer

6000-5D VOCs Online Analyzer

PCGC-TOF VOCs Online Analysis System

N20 TVOC Online Analyzer

Portable VOCs Analysis Products

3000 Portable NMHC Analyzer

Accessories & Consumables

Accessories & Consumables

Sampling Canister / SUMMA Canister

QUICK NAVIGATION

- > [Nutech Instruments Profile](#)
- > [Nutech Projects & Cases](#)
- > [Catalogs | Leaflets | Manuals](#)
- > [Nutech Services](#)
- > [VOCs Related Standards & Methods](#)
- > [Technical Articles](#)

NUTECH PRODUCT LINES

- > [Air Lab Sample Prep Products](#)
- > [Air/Gas Sampling Products](#)
- > [OnLine VOCs Analysis Products](#)
- > [Portable VOCs Analysis Products](#)
- > [Accessories & Consumables](#)

RECENT NEWS

- > [Application Note by Using Nutech Preconcentrator System for TX 85 Target Compounds in Lab Analysis](#)
- > [Not all 3.2 L air sampling canisters are 3 liters. Wait... what!?](#)
- > [Application Note by Using Nutech Preconcentrator System for PAMS Compounds in Lab Analysis](#)
- > [Nutech Instruments Presents New Products on Guangzhou IE Expo 2019](#)
- > [Nutech Perfect First Show in IE Expo China 2019](#)

NUTECH INSTRUMENTS, INC.



**Australian Distributors
Importers & Manufacturers
chromtech.net.au**