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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



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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)





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- > Air/Gas Sampling Products
- > Online VOCs Analysis Products
- > Portable VOCs Analysis Products
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- * > 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

* in Chinese

- 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
 - 7000 NMHC Analyzer
- Portable VOCs Analysis Products**
- 3000 Portable NMHC Analyzer
- Accessories & Consumables**
- SUMMA Sampling Canister & Standard Gas & Tedlar Bag

Nutech's Product Lines

We offer the most comprehensive VOCs analysis products on the market.

Air Lab Products



Air / Gas Sampling Products



Online VOCs Analysis Products



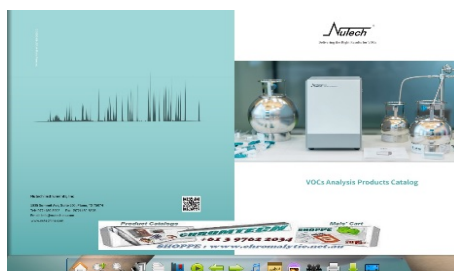
Portable VOCs Analysis Products



Accessories & Consumables



Chromtech's FlipPAGE HTML Quick Overview Nutech 2020 Catalog (18p)



* **US EPA METHOD TO-15A (Sept 2019)**
 Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially Prepared Canisters and Analyzed by Gas Chromatography–Mass Spectrometry (GC-MS)