



Nutech 6000-5D VOCs Online Analyzer

The **Nutech 6000-5D** is suitable for continuous real-time online monitoring of C2 ~C12 VOCs (Volatile Organic Compounds) in ambient air and/or fence line. The unit is capable of covering 108 of PAMS and EPA TO-15 target compounds and as well as non-accredited compounds (including some aldehydes and ketones). It is ideal for use with monitoring ambient air quality around industrial plant perimeters or near chemical industry parks.

Features

1. Nutech's innovative and improved separation column was used to meet the separation and analysis needs of 108+ target compounds, including PAMS, EPA TO-15, and some aldehydes and ketones.
2. The low-temperature preconcentration technology greatly improves the detection limit, meets the detection requirements of VOC components in low or ultra-low concentration air, and can report the concentration of TVOC at the same time.



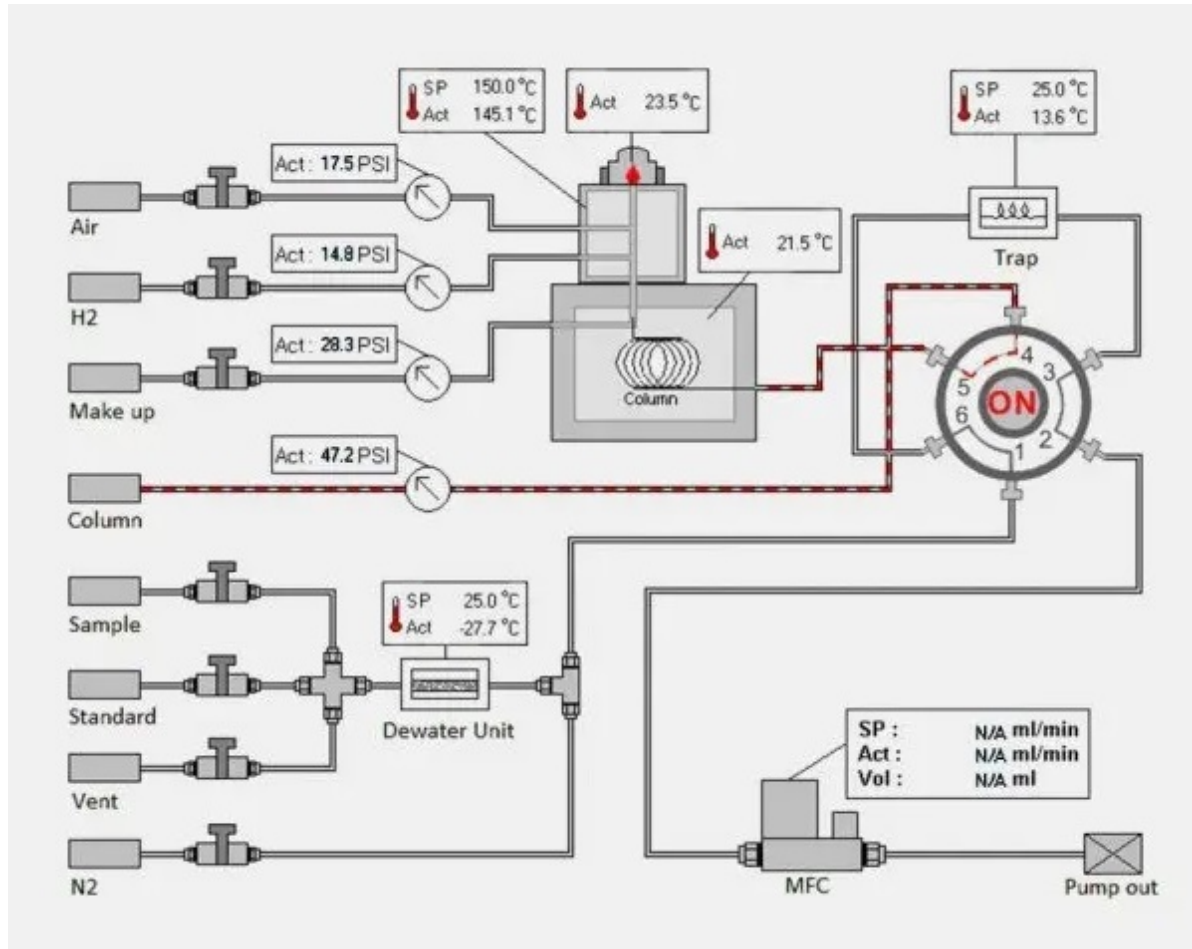
3. The application of the latest generation of advanced technology enables the system to maximize the separation of moisture in samples, avoiding FID quenching.
4. With an FID detector, the instrument achieves good responses, a wide linear range, and an automatic real-time self-test function.
5. Uses an MFC to accurately control the flow rate and ensure the accuracy of test results.
6. PC control, real-time data acquisition and transmission, automatic recording, storage, and support of QA/QC reports. With historical data (including atlas) query function, the system can automatically save and restore data if the power is cut off unexpectedly.

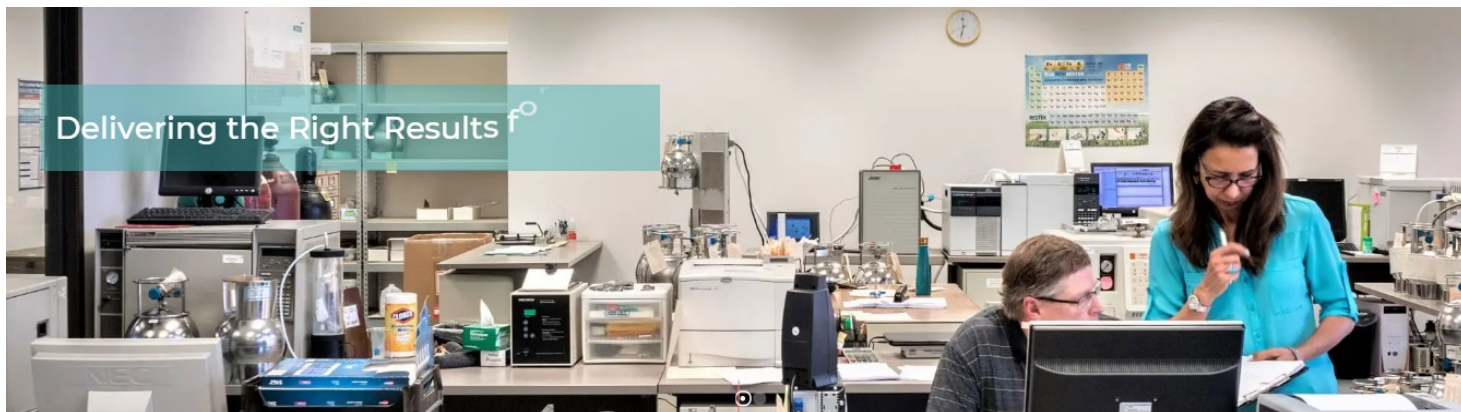
Technical Data

Test Method	FID
Measurement Range	0.1 ppb to ppm level
Maximum Temperature Rise Rate	1000°C/min
Adsorption/Desorption Temperature	-10°C~350°C (adjustable)
Sampling Rate	5~120ml/min (adjustable)
Accuracy	±10%
Precision	RSD<5%
Gas	Ultrapure N ₂ , H ₂ or Air
Data Interface	R~232, Ethernet Interface

Voltage	110V/60Hz or 220V/50Hz±10%
Operating Environment	temperature: 10°C~40°C; humidity: 20-90%RH
Maximum Power	3.5kW

Technical Data





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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
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* 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



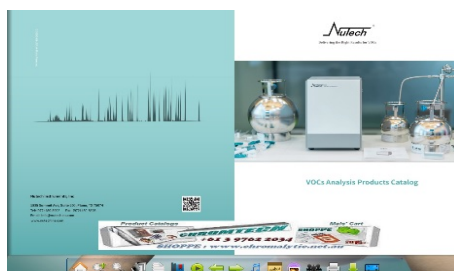
Portable VOCs Analysis Products



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)

