



Nutech PCGC-TOF VOCs Online Analysis System

The Nutech PCGC-TOF VOCs Online Analysis System is suitable for continuous real-time online monitoring of C_2 ~ C_{12} volatile organic compounds. The unit is capable of covering PAMS and EPA TO-15 target compounds. It is ideal for use with monitoring ambient air quality around industrial plant perimeters or near chemical industry parks.

Technical Data

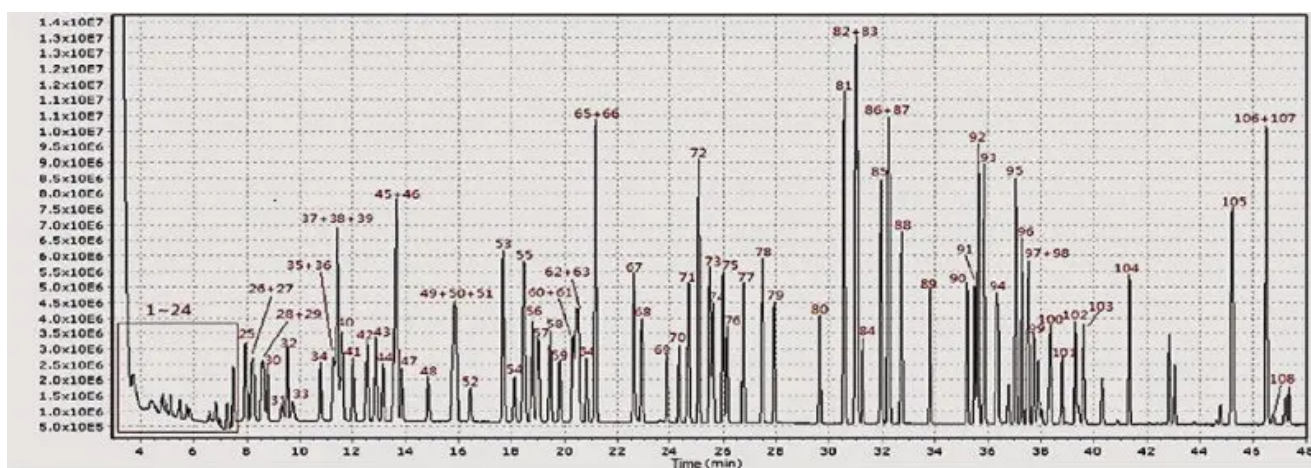
Measurement Range	0.1 ~1000
Linearity	RSD< 5%
Precision	RSD< 3%
Accuracy	±10%
Temperature Control Accuracy	±2%

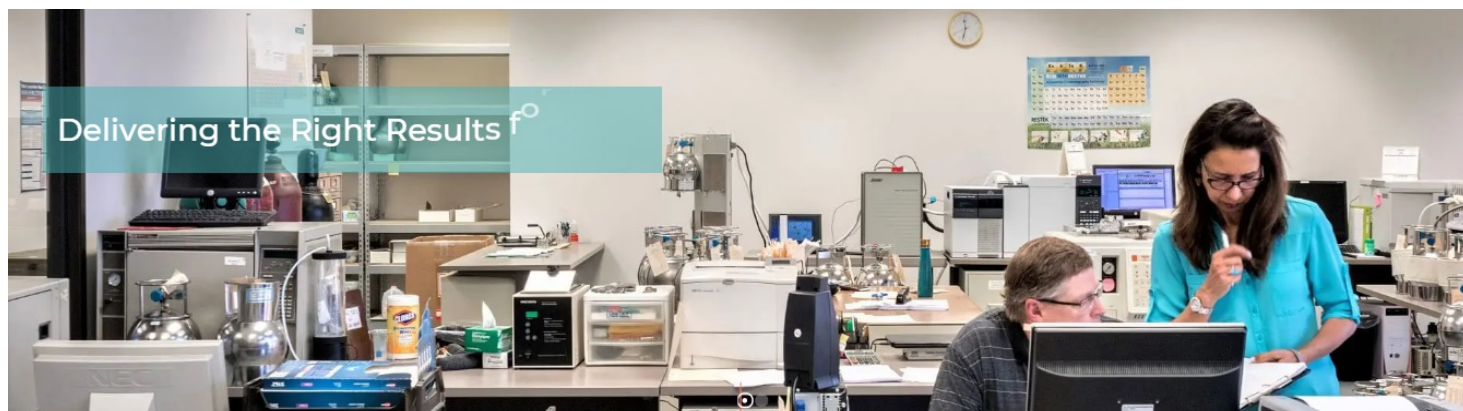
Features

1. On the basis of low temperature preconcentration and chromatography separation technology, flight mass spectrometry technology is introduced to solve the problem of difficult separation of some target compounds. It can also enhance the qualitative and quantitative capabilities, and improve the accuracy/stability of the instrument.

Maximum Heating Rate	350°C/min	2. The mass spectrometry detector is used for the identification of compounds not found in the standard calibration mix.
Sampling Rate	5 ~ 120ml	
Voltage	110V/60H	3. PC control, built-in user login, equipment safety alarm, operation log, real-time data collection, transmission, automatic recording and storage, and data support in the form of reports, historical data, Atlas query and power-off memory.
Operating Environment	Temperature 90%RH	
Maximum Power	0.6kW	

Chromatogram





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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)

