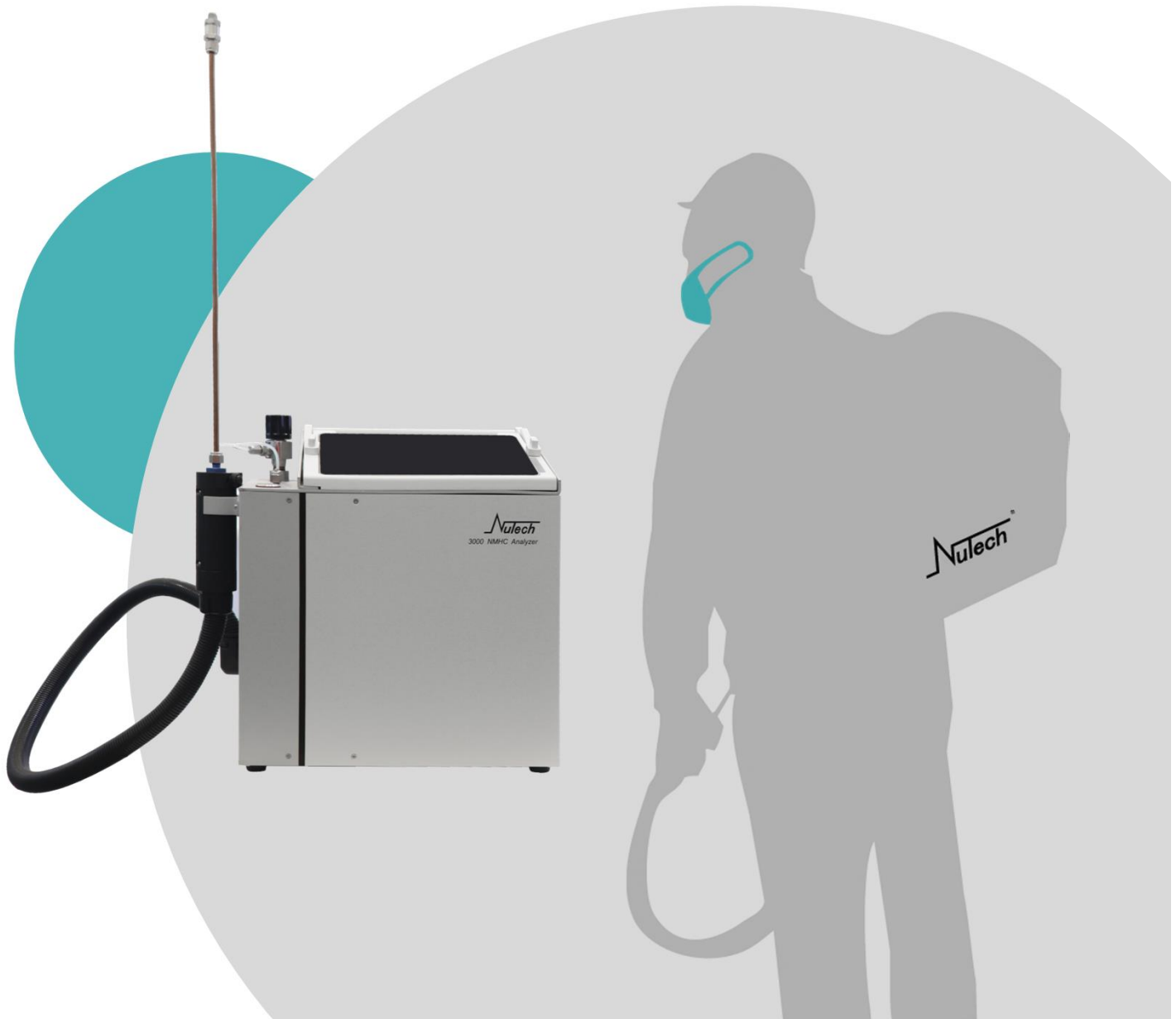




Delivering the Right Results for VOCs

Nutech 3000T Portable THC Analyzer

The Latest Generation of
Portable VOCs Analyzer
for Stationary Emission Source & Fence Line



Technical Data

- Detection Method: FID
- Measuring Range: 0~10/100/1000/10000 ppm (Automatic)
- Detection Limit: ≤ 0.07 mg/m³ (Calculated by Carbon)
- Zero Drift: $\leq \pm 1\%$ Full Scale/8H
- Span Drift: $\leq \pm 1\%$ Full Scale/8H
- Repeatability: $\leq \pm 0.1\%$ Full Scale
- Indication Error: $\leq \pm 1\%$ Full Scale
- Warm-up Time ≤ 30 min
- Data Resolution (T90): ≤ 2 s
- Working Environment: temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$; relative humidity: $< 95\%$; atmospheric pressure: (80~106) kPa
- Power Supply: DC24V, AC (100-240 $\pm 10\%$) V/(50 $\pm 2\%$) Hz
- Dimensions: 370x260x397mm
- Weight: < 12 KG

Standard Configuration

Instrument main unit (including metal hydride cylinder), sampling line (including probe, filter device), Microsoft Surface GO tablet, backpack.

Features

Lightweight & Portable

- Highly integrated design to ensure the total weight within 12KG (including metal hydride cylinder, battery, zero air generators, etc)
- Equipped with a backpack and a handle, which can be easily transported and put into use by one person.

Easy to Use

- Large-capacity battery (45Ah) power supply, which can run for a long time even without utility power on site.
- Operated by a detachable touch screen tablet with Wi-Fi communication and a user-friendly interface. Users can control the instrument and read test results within 50m (33ft) of the site through the detachable tablet.

Most Accurate Test Result

- From the sampling line to the FID detector, the whole process is high temperature heating to avoid condensation & sample loss.
- The sampling flow path is silanized (a special surface treatment technology to make the surface utmost inert), resistant to high temperature and corrosion, and contains a filter device to effectively filter particles to avoid sample contamination and adsorption.
- High precision EPC and FID are adopted to ensure accurate flow control and accurate measurement.
- Support automatic & manual purge function to keep the system clean and thus deliver more accurate test results.

Powerful & Easy Data Processing

- Data file automatic recording and storage, historical data query, reprocessing and printing functions.
- Test data can be exported in Excel file
- Can equipped with a mini Bluetooth printer to print the data on-site.

Lowest Running Cost in Its Kind

- H2 is supplied by mini built-in metal hydride cylinder with very low pressure and thus is safe and easy to handle and transport. The metal hydride cylinder is recyclable.
- Zero air is supplied by internal pump. No need disposable zero air bottle.
- Also support external gas cylinder

Wide Applications

- Applicable in VOCs measurement in stack (high concentration), inside the factory (medium concentration), outside the factory/fence line (low concentration).



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