Headspace Autosampler

Coupling Vocus CI-TOF to headspace autosampler for high throughput analysis

Features

• Both static and dynamic headspace analysis

• Quantitative liquid analysis with liquid injection into heated evaporation port and transfer line

• Software and integration into Vocus acquisition and control software is included in the autosampler package.

Applications

• Water

• Food and Beverages

• In vitro plants

• Microorganisms

• Automotive material emissions

• Consumer products
**Vocus**

**Rapid Quantification of VOCs in Synthetic Leather and Foam**

Vocus CI-TOF is capable of quantifying a wide range of VOC emissions from these materials in seconds.

**Confident Identification of VOCs in Leather Emissions**

High mass resolving power of Vocus CI-TOF enables confident identification and accurate quantification of individual compounds in complex mixtures.

**Fast Screening of Packaging Materials**

The Vocus CI-TOF, equipped with a headspace auto-sampler, quickly measured various oxygenated VOCs from 8 packaging material samples for comparison.

**Specifications**

- **Vials**: Up to 360, 10 or 20 mL
- **Vial Treatment Temperature**: Up to 200°C
- **Vial Storage Temperature**: 4°C - 70°C
- **Purging flow**: Up to 150 sccm
- **Max throughput**: 1 vial / 10 s
- **Vials**: Up to 360, 10 or 20 mL

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