BETTER, MORE COMPLETE RESULTS ARE RIGHT UNDER YOUR NOSE

GC SNFR Olfactory Port

A complete aroma characterization solution that seamlessly integrates sensory evaluation with GC and GC/MS analytical data

For food, beverage and fragrance manufacturers, we're making it easier to characterize aromas by delivering high performance and value in our latest GC accessory, the SNFR™ Olfactory Port. It's the only accessory of its kind that is both manufactured and supported by a manufacturer of complete gas chromatography solutions—PerkinElmer.

Designed to integrate with PerkinElmer GC solutions, the affordable, flexible GC SNFR Olfactory Port delivers added incremental value when measuring and characterizing even the most complex aromas. The GC SNFR Olfactory Port enables you to correlate human sensory evaluation and analytical data, giving you the confidence you need to successfully move your batch forward.

A Perfect Match Ensures Accurate Results

As a sample elutes from the GC column, its flow is split between the GC/MS and up to two other detectors and the Olfactory Port. With SNFR, there are no delays. Its design ensures that retention times of the aroma experience and chromatography match—exactly. Built-in speech-recognition software and a simple joystick allow users to dictate their findings and input aroma intensity, providing both qualitative and quantitative reporting. The sensory data is overlaid graphically on the chromatogram for a complete and clear profile of your sample.

Product Highlights

The GC SNFR Olfactory Port is designed to integrate with PerkinElmer GC/MS systems and built for quality, comfort and ease of use, requiring minimal training and maintenance.

- Works with any capillary column in the GC
- Inert flow path
- Interchangeable, adjustable glass nosepiece
- Humidified air control in nosepiece
- Built-in microphone to capture user narration
- Speech-to-text function
- Easy-to-control joystick
- Overlay of narration and odor intensity on chromatogram
- Works with up to three different detectors

The GC SNFR Olfactory Port from PerkinElmer. A simpler, more affordable solution for aroma characterization.

PerkinElmer®
For the Better

The World's Most Complete GC Partner

The only product of its kind developed and offered by an industry-leading provider of GC solutions, PerkinElmer's GC SNFR Olfactory Port is part of a complete, integrated solution, from high-performance instrumentation to consumables and service. With a long history of successful partnerships in the food and beverage industries and a global reputation in headspace technology, we offer a single point of contact for everything from equipment purchasing to method development to application support.

GC TECHNOLOGIES ENGINEERED AROUND YOU

Customized to meet or exceed the specific requirements of each customer, PerkinElmer's comprehensive suite of instruments and accessories enable confident results, improved throughput and high productivity.

Clarus® Gas Chromatographs

Clarus 680, 580 and 480 GC models are specifically tailored to your needs and provide a solid analytical foundation for laboratories requiring robust and cost-effective solutions.

Clarus SQ 8 GC/MS

A powerful system for high-performance GC/MS analysis featuring the industry's fastest scanning quadrupole, widest mass range and most sensitive detector.

TurboMatrix™ Headspace/ Headspace Trap Samplers

High-sensitivity technologies pioneered by PerkinElmer that provide unparalleled precision and ease-of-use for numerous GC or GC/MS volatile-analysis applications.

TurboMatrix Thermal Desorption Systems

Five different models—ranging from one to 50 tubes—let you choose exactly the throughput and technology you need for faster, simpler, automated sample preparation.

Most Extensive Global Service And Support Network

PerkinElmer manufactures and supports the broadest range of instruments, reagents and consumables in the industry. As the only gas chromatography supplier who develops, manufactures, supports and services every product it offers, our knowledge, skills and expertise are unmatched. Our 1200 factory-trained and certified engineers have an average of 15 years of experience maintaining leading-edge scientific equipment, including preventative maintenance, validation support and instrument repair.
Plus we provide complete training, technical and applications support, for your entire workflow.

For more information on the GC SNFR Olfactory Port, please visit www.perkinelmer.com/SNFR

PerkinElmer®