

Agilent unveils first headspace sampler with integrated GC communication

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Agilent Technologies Inc has introduced the Agilent 8697 Headspace Sampler, the first headspace sampler with integrated gas chromatography (GC) communication. It marks the expansion of intelligence capability that was first launched with the Agilent Intuvo 9000 GC System in 2016 and later in 2019 with the Agilent 8890 and 8860 GC Systems.

“We recognised the increasing needs of our customers, especially in the pharma space, to have greater remote access and increased instrument intelligence,” said Mike Zhang, Vice President and General Manager, Agilent’s Gas Phase Separations Division.

The 8697 offers several benefits. Advanced hardware features, such as a microchannel-based EPC (electronic pneumatic control) module with atmospheric pressure compensation and valve-based sampling, allow for unprecedented precision and performance. Customers will also have increased troubleshooting capabilities, more robust connections between the HS and GC system, and integrated instrument connectivity through the increased headspace-gas chromatography system intelligence.

On a more detailed level, removable sample racks can be exchanged while the headspace sampler is operating so that customers can add samples while the sequence is running. An isolated carrier flow path allows for alternate carrier gas use and safely vents vials. Also, because the complete HS-GC system is on the GC touch screen, customers can easily communicate with it anywhere the lab network will allow.

“The 8697 fits into the ‘sweet spot’ for a number of samples customers tell us they want,” added Eric Denoyer, Associate Vice President, Marketing, Agilent’s Gas Phase Separations Division.

“Agilent continues the journey of innovation with a purpose to address the new emerging needs of our customers towards

higher productivity and lab efficiency” said Samir Vyas, Country Manager, Agilent India.