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Agilent unveils 8850 Gas Chromatograph as leap forward in analytical excellence

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New instrument delivers the full power and capability of Agilent GCs in a compact design



US-based Agilent Technologies Inc. has announced the launch of 8850 Gas Chromatograph (GC) System, a small single-channel GC that combines the legacy of the 6850 GC with the capability and system intelligence of the 8890 GC.

With a focus on speed and intelligence, the 8850 GC stands poised to revolutionise labs across diverse markets, including energy, chemicals, food, and pharmaceuticals, while reducing energy consumption by up to 30%.

Modern labs face the seemingly contrasting goals of maximizing analytical capacity with limited bench space while reducing the overall environmental impact of their operations. In response, lab managers strive to get the most productivity out of every square foot of their facility by maximizing instrument uptime and ensuring optimal use of all available bench space. Meeting sustainability goals amid these pressures requires an unwavering focus on the efficiency of lab operations and individual workflow components.

Integrated instrument intelligence enhances uptime, while remote connectivity features facilitate regular maintenance and troubleshooting, ensuring uninterrupted workflow capacity. The instrument’s small footprint – half the size of the Agilent 8890 GC – maximises space utilization and operational redundancy. Additionally, heating and cool-down times are shorter, increasing lab throughput. Using up to 30% less power than other GCs, reduces energy costs and helps labs meet their sustainability goals.