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Agilent launches new GC Systems to improve laboratory efficiency and data quality

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New 8890B and 8860B gas chromatographs integrate intelligent monitoring and remote diagnostics



Agilent Technologies Inc. has announced the launch of the new 8890B GC and 8860B GC with GC Assist. GC Assist is the new, advanced instrument intelligence that provides system monitoring, built-in troubleshooting, and remote connectivity to analytical instrumentation within the laboratory's secure network. These systems enable higher performance and productivity across gas chromatography (GC) analyses.

The new systems are designed to help laboratories reduce unplanned downtime, improve data quality, and operate more efficiently by combining updated GC hardware with integrated system monitoring, diagnostics, step-by-step troubleshooting, and maintenance procedures through GC Assist.

The 8890B and 8860B extend GC system capabilities with enhancements designed to support higher throughput, flexibility, and ease of use. An oven light improves visibility during maintenance, while onboard maintenance videos help new users complete routine procedures. The 8860B GC increases throughput with dual simultaneous injections, while the 8890B adds flexibility with an additional detector position, supporting up to four detectors in valve configurations.

The 8890B also offers up to a 30% faster oven cooling rate compared to previous models, reducing injection-to-injection cycle times and enabling laboratories to increase daily sample throughput without changing established method parameters.

The new systems are being introduced globally and will be supported through Agilent's worldwide sales, service, and application teams.