

It is a New Year . . .

You could resolve again to improve the performance of your operation, or you could join the **CALIDUS™ GC Revolution** and really make it happen this time.

Have you resolved to work faster and improve your operation's throughput in 2016?

The **patented**, revolutionary **CALIDUS Gas Chromatograph** delivers analytical cycles that are **3 to 50 times faster** than traditional GCs and "traditional" includes nearly all the competing GC designs.



For example, the **new ultrafast ASTM D7798 SIMDIS method** employed by **CALIDUS** and developed with significant input from **Falcon Analytical** is **6 times faster than the old D2887 method**.

That kind of speed also enables **superior repeatability and reproducibility**. In turn, **tighter control parameters** with very high confidence are made possible and practical. Technical staff can spend less time on misleading analytical variance and more time on true process variance and related product quality analysis.



Have you resolved to simplify your analytical operations and reduce work stress in 2016?

There may be no more **user friendly** GC on the market today than the **CALIDUS GC**. **CALIDUS** employs modern, widely-used computing methods and standard operating systems. Typical user interface is a commercial **Windows®** PC shipped with all the needed software already onboard.

End users often described **CALIDUS** as "virtually plug and play."

And let's face it . . . completing your analyses faster always makes working life simpler and less stressful for everyone concerned.



CALIDUS GC with PALARUS Autosampler and PC Interface

Did you resolve to do all you could to reduce your costs in 2016?

Of course you did and even if you didn't your superiors will resolve it for you. The **CALIDUS GC** can enable your fiscal success in several substantial ways.

First, the **initial purchase price** of a **CALIDUS GC** system is **significantly less** than the traditional competitors.

The **CALIDUS** patented modular design with **user replaceable column and detector modules** keeps maintenance and service cost low.

The patented **CALIDUS resistively heated column module** requires far **less energy** than the air bath oven based systems employed by traditional GCs.



CALIDUS Column Module (R) & Detector Module (L)

The **CALIDUS GC's smaller size and weight . . .** just 25 lbs. and 17" w. x 8.5" d. x 11" h. make for a much **smaller footprint**, reduced bench space requirements and easier handling. Plus **CALIDUS** installations don't require large protective shelters, even in harsh environments.

All these factors serve to reduce costs and, when combined with the **CALIDUS GC's** ability to increase throughput and positively impact production, the user can reliably expect an **extraordinary return on invest**.



Did you recognize that achieving your resolutions would require analyzers that were rugged and designed to endure?

With its sturdy, **1/8" gauge aluminum housing, reduced switching valves** and **system integrity checking routines programmed on-board** **CALIDUS** may be the most durable and reliable GC on the market today. One three-stream **CALIDUS** process system, in Texas, has completed **over 1,000,000 analyses with zero downtime**.



So are you ready to begin your own CALIDUS Gas Chromatography Revolution?

Did you hesitate?

We understand. Revolutionary action can be daring. So allow us to bolster your courage . . .

- **CALIDUS has been commercially available for 6 years.**
- **The unique value of the CALIDUS modular column and system designs has been validated by two U.S. Patents.**
- **There are over 150 CALIDUS GC systems operating successfully in the field.**
- **Falcon has successfully applied CALIDUS to over 35 distinct applications. ([see a sample of these apps here.](#))**
- **While we can't name names here, the list of CALIDUS end users resembles a "who's who" of analytical chemistry more with each shipment.**



Why not fire the first shot in your own revolution?



Contact **Falcon Analytical** today to discuss how the **CALIDUS Gas Chromatograph** can revolutionize your operation. Contact details are available below.

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