



from the Granville-Phillips® Portfolio

Simple to Use

Simple to Justify

Simple to Support

Simplicity Solutions from Granville-Phillips are an expanding line of gas analysis instrumentation designed, produced, and supported by the industry's leading measurement experts. These groundbreaking products transform complex measurements into instant, actionable information. Simplicity Solutions couple the highest performance technology with intelligent functional design to allow the user to focus on measurement results rather than the interpretation of measurement data. Providing unparalleled speed, power, and functionality right out of the box, Simplicity Solutions combine innovative technology with intuitive ease of use to take the complexity out of gas analysis for users across a broad range of applications and industries.



With Simplicity Solutions™, you get more than rugged, reliable, and high-performance instruments. You get an exceptional end-to-end customer experience — from hassle-free sales and delivery, through connect-and-go equipment installation, to responsive worldwide service and support. This commitment to excellence begins at our initial contact and extends throughout the relationship lifecycle to deliver total customer satisfaction.

Measurement simplified. That's what Simplicity Solutions are all about.

Vacuum Quality Measurement Instruments

The Simplicity Solutions product line introduces an innovative family of Vacuum Quality Monitor Instruments based on ultra-fast and ultra-low power Electrostatic Ion Trap Sensor technology. Vacuum Quality Monitors compare total and partial pressure information against expected gas compositional requirements to provide easy-to-understand Vacuum Quality Measurement. Simplicity Solutions Vacuum Quality Monitors reduce these complex measurements and vacuum quality requirements to a single Vacuum Quality Index (VQI) value that provides an easily understood “goodness” of the vacuum composition or a simple go/no go single value indicator.

The ultra-fast Ion-Trap Sensor technology provides Vacuum Quality Measurements with pressure gauge-like response times — 100ms response times over a wide 1-135 amu (m/z) spectrum range and 250ms over a 1-300 amu (m/z) spectrum range. The ultra-low power Ion-Trap Sensor technology supports portable and harsh environment applications with 15W maximum power requirements for a complete Vacuum Quality Measurement system, including both the gauge and gauge electronics.

Simple to Use

Easy Installation: We focus on functional design and robust out-of-the-box functionality so you can simply connect our gas analysis instruments to your point of measurement and go. Complex installation and integration won't slow you down. Plug it in, turn it on, and start getting precise vacuum quality measurement results instantly.

Simplified Operation: Features like full front-panel operation, high-contrast bar graph and trend displays, and real-time outputs make our instruments remarkably easy to use. No time-consuming reprogramming is needed to tie them into your process control system. With Simplicity Solutions products, you get the measurement results you need right away.

Actionable Insights: Get Vacuum Quality Measurement information faster and easier than ever before. Measure gas samples and see results right away via easy-to-read displays. Detect and analyze transience before it impacts yield. Simplicity Solutions products provide new levels of visibility via pre-processed results that don't require a PhD to interpret. Instead of raw scans, you get clear, meaningful information — instantly.

Simple to Justify

High Performance: Advanced mass separation technology, such as an Electrostatic Ion Trap with fast spectral output, offers speed and size performance advantages over legacy magnetic sector and quadrupole mass spectrometry offerings.

Compact, Functional Package: Small, highly functional instrumentation designs fit easily into virtually any production environment so you can start seeing your predominant gases right away. Our instruments feature a clean, intelligent layout so you get consistent presentation of critical measurement results with minimal effort.

Attractive Pricing: Providing superior out-of-the-box functionality, rugged reliability, and proven performance at a competitive price point, Simplicity Solutions products are an outstanding value.

Simple to Support

Modular Designs: Simplicity Solutions feature durable, modular designs that allow fast, easy parts replacement. Granville-Phillips continues to invest in our global spares and logistics capabilities so you can count on faster response times and ready availability of parts when you need them the most.

Service Your Way: The Simplicity Solutions advantage extends well beyond initial purchase and delivery. As part of Brooks Automation, Granville-Phillips aims to exceed expectations in all areas of customer responsiveness. Our GUTS® (Guaranteed Up-Time Support) rapid response system is broadly recognized for delivering unsurpassed responsiveness to customer issues — whenever and wherever they may occur.

Worldwide Resources: Simplicity Solutions are backed by worldwide support resources to ensure that our instruments continue to deliver the performance and reliability you expect from Granville-Phillips. Global customer operations teams, worldwide repair centers, and an ever-expanding spare and logistics infrastructure combine to deliver unprecedented responsiveness and simplicity.

If you're looking for state-of-the-art gas analysis instrumentation, keep it simple. Rely on Simplicity Solutions from Granville-Phillips for the high-performance technology, intelligent functional design, and comprehensive worldwide service and support you need to drive quality and productivity across your vacuum processes.

Measurement Simplified



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