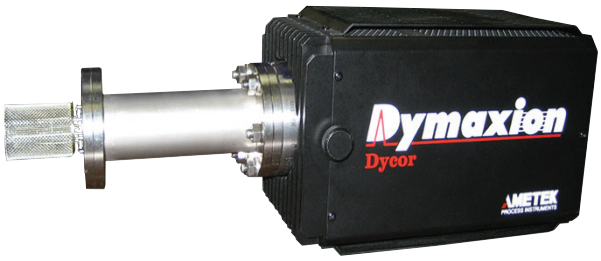
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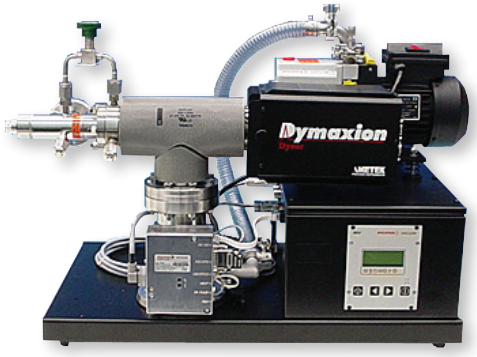
Dycor Mass Spectrometer Gas Analyzers

Dycor's quadrupole mass spectrometer gas analyzers provide the solution to your specific application needs. The various combinations of Dycor ion sources, AMU ranges and inlet systems, combined with System 2000 software, accommodate most every process situation.

Dycor Residual Gas Analyzer

The Dymaxion residual gas analyzer (RGA) has the control electronics mounted directly to the analyzer head. It can be linked to a computer via either its RS-232 port, RS-485 port, or ethernet which permits any number of analyzers to be connected for control from one PC. Open, conductance limited and enclosed ion sources are available in 1-100, 200 or 300 AMU range, using either Faraday cup or electron multiplier. Optional Dycor System 2000 software and on-board analog and digital I/O capability further expand the Dymaxion's capabilities.





Dycor Mass Spectrometer System

The Dycor mass spectrometer system is used for sampling gases over a wide range of pressures from high vacuum up to and beyond atmospheric pressure. The analyzer and inlet system can be removed from the frame and placed up to 10 feet from the pumping station using the included cable and vacuum hose. Pictured is a Dymaxion RGA with enclosed ion source, capillary inlet manifold, compound turbomolecular pump, dry pump, pump controller and laptop PC running Dycor System 2000 software. Systems can be designed for your specific application.

Dycor Mobile Cart

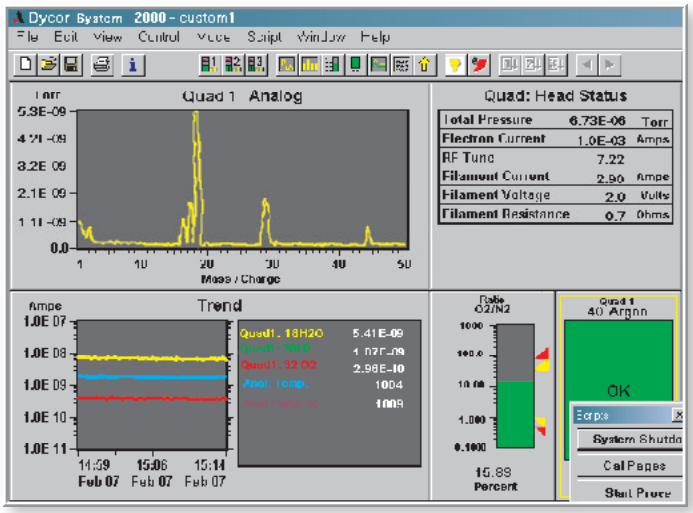
The Dycor Mobile Cart System is a versatile gas analysis tool that is completely self-contained. Any of the Dycor RGAs can be used on the cart along with a standard vacuum pumping package consisting of a turbomolecular and mechanical backing pump, a dry pumping package for oil-free operation, or an anticorrosive pumping package. An analog and digital I/O data acquisition system is also available. No tools are required to remove the analyzer from the cart for attachment to your vacuum chamber/ process tool. The cart includes locking wheels, sturdy metal construction, and storage space to hold manuals, tools, or a laptop PC.



DYCOR®

Dycor System 2000 Software

Dycor System 2000 software, the operating software of the Dycor RGAs, is designed to take full advantage of Windows™ XP, Win7 and Vista capability. It is a 32-bit multi-threaded program that uses an intuitive graphical user interface to add even more features and capability to your Dycor RGA, resulting in increased productivity. Using the System 2000 Auto Tune capabilities, you can ensure high quality, repeatable data. System 2000 software is easily configurable for your application without programming and includes extensive systems integration capability such as visual basic scripting and OLE and DDE automation.





Dycor LC-Series RGA

The LC-Series is a low-cost RGA that provides state-of-the-art performance in a single RGA. It is ideally suited to fulfill the needs of universities and other cost-driven users who need a high performance analyzer at the lowest possible cost. Along with System 200 software, it provides advanced features associated with higher-priced instruments. Available in 1-100 and 1-200 AMU range with optional electron multiplier.

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F-0213 Rev. 6 (1115)

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