Optix is a ground breaking, multi-purpose instrument for gas sensing in any vacuum environment, functioning through a wide range of operating pressures to cater for most industrial vacuum production processes without any requirement for a differential pumping system.
A powerful new vacuum diagnostics and control instrument

Optix uses a remote plasma spectroscopy concept which generates a small plasma within the sensor head, which is then analysed by its built-in spectrometer. The light spectrum is automatically interpreted to provide qualitative measurement of the presence and concentration of gas within the vacuum.

The Optix spectral information and sophisticated back-end software creates a range of uses for the following vacuum processes: Leak Detection; Vacuum Quality Monitoring; Process Pump-down Analysis; Condition Monitoring & Fault Detection; End-point Detection;

Dimensions

Pressure regime advantages

- No need for expensive/complex differential pumps
- No spurious readings from differential pump systems and no time delay

Interface

An advanced Windows user interface provides clear visualisation of the condition of the process and vacuum, and powerful tools for recording and referencing data enable easy identification of process problems.

Software features

- Built-in spectrum database for atomic and molecular emission signatures
- Automatic spectrum interpretation
- Time plots for automatically or user defined species
- Customizable trigger set-up for end point detection or process control
- Vacuum quality tracker
- Leak detection mode

Further information

Contact sales@gencoa.com to register an interest in Optix, or to request further product information.