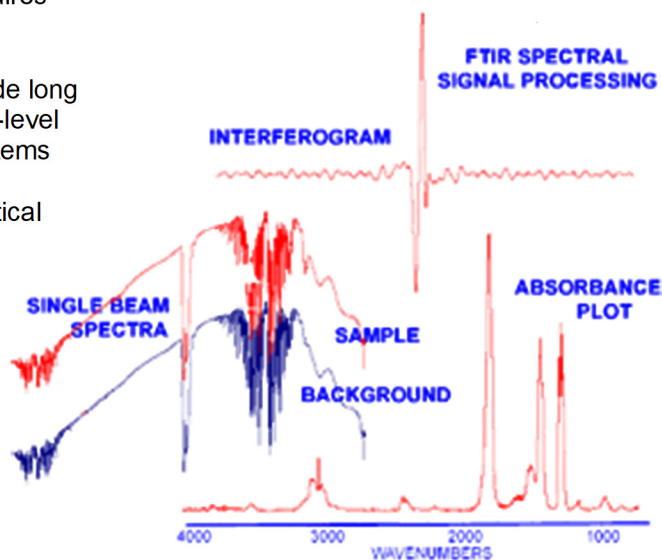




# FTIR Gas Analysis Instruments

*Gemini Specialty Gas Cells for FTIR gas analysis*

- Gemini Series Gas Cells from ICL are the international standard for quality and applicability in FTIR gas analysis. Configurations for any conceivable FTIR gas analysis application in either research or industrial analytical settings are available from ICL.
- Five product groupings of gas analysis accessories provide end users with a myriad of choices to configure the appropriate solution. Short Path Cells for ppm and %-level measurements are represented by the Mercury Series.
- Venus and Earth Series Cells are Hanst-style fixed-path and glass bodied multi-pass "White" cell solutions, low-cost and user-friendly.
- Gemini™ Mars gas cells are ideally suited for demanding, industrial or process applications, where ruggedness and durability are of critical importance, and precision fixed optical alignment is needed to assure good optical performance. Mars™ series cells are simply and elegantly constructed with a robust design that never requires optical alignment and ensures ease of use and serviceability.
- Saturn Series Multi-Pass cells from Gemini are Research-grade long path gas cells from 50 meters to 200 meters or more. For ppb-level and sub-ppb level sensitivity, these ultra-long path optical systems can be used in conjunction with FTIR or laser-based optical measurement systems for the highest level of long path IR optical performance.



International Crystal Laboratories has been a leading worldwide supplier of high quality spectroscopy accessories and supplies for more than 50 years. Gemini™ gas cells are for semiconductor, specialty gas, emissions and other applications that demand high performance, durable cells, seals and hardware. ICL also provides many low-cost and user friendly FTIR gas analysis solutions as well.

## International Crystal Laboratories

11 Erie St. Garfield, NJ 07642

[www.internationalcrystal.net](http://www.internationalcrystal.net) ph: (973) 478-8944 fx: (973) 478-4201



future in focus...