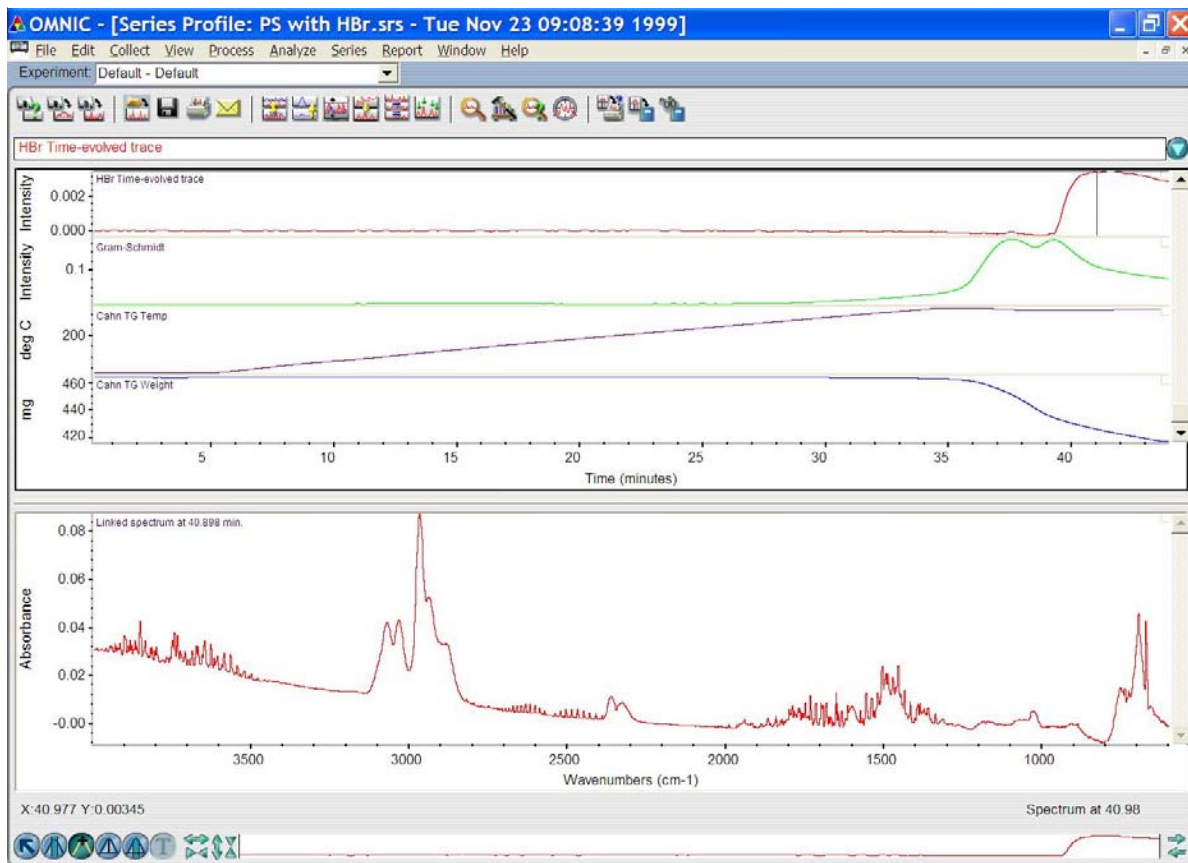


# The Thermo Scientific Cahn TG-FTIR System

*One Computer...*

*One Software...*

*One Company...*



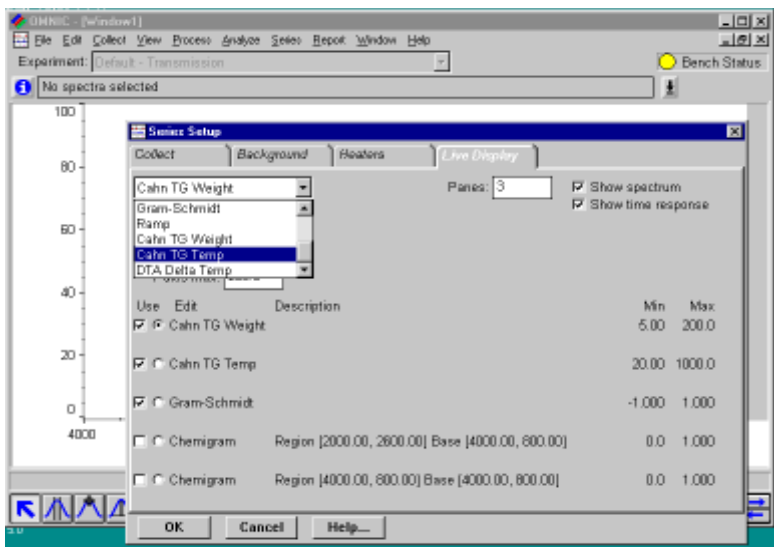
*Thermo Scientific Nicolet's OMNIC Software with Thermo Scientific Cahn TGA data*

Thermo Scientific Cahn and Thermo Scientific Nicolet have joined forces to produce the most complete TGA FTIR system available. Many TGA and FTIR systems can be joined together, but Thermo Scientific Cahn and Thermo Scientific Nicolet have gone beyond the cumbersome two computer setup to provide a truly integrated system.

The system uses a single Windows NT computer to collect and analyze TGA and FTIR data. Data from the Thermo Scientific Cahn TGA system appears in the Thermo Scientific Nicolet OMNIC<sup>®</sup> software, *live* for viewing during data collection. In addition, the TGA data is stored permanently with the FTIR series data for future analysis insuring data integrity. The Thermo Scientific

Cahn Remote start box, coordinates TG and FTIR data collection, eliminating differences in the time scale common with other systems.

Thermo Scientific Cahn and Thermo Scientific Nicolet are part of the Thermo Fisher Scientific family of Instrumentation companies. By dealing with Thermo Fisher Scientific you are assured that your system will work and be fully supported.



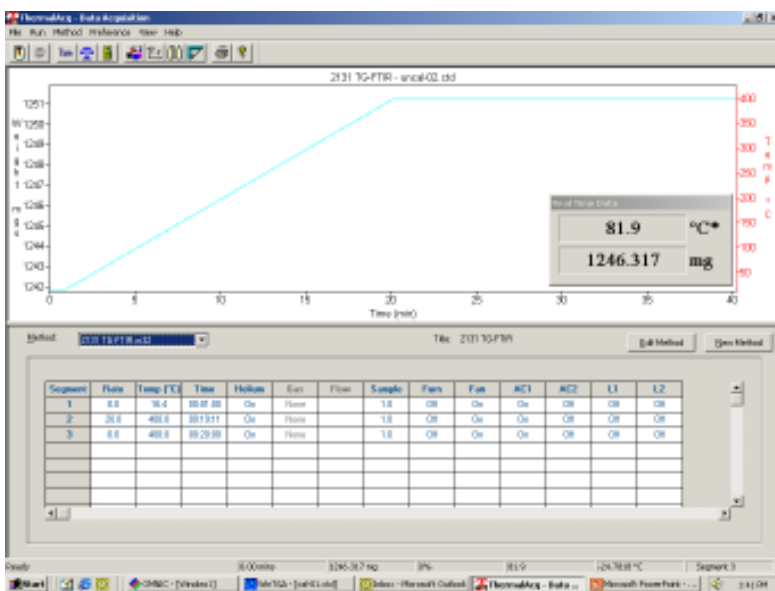
Selection of the data to view „Live“ during the experiment



The Thermo Scientific Cahn High Mass Large sample volume TGA, coupled via the Thermo Scientific Cahn Patented Sniffer™ interface provides the optimal sampling for FTIR work. When connected to the sensitive Nicolet FTIRs, the system enables detection of materials not allowed by other systems.

### System Information

A Typical TGA FTIR system consists of a Thermo Scientific Cahn VersaTherm HS with MFC and Thermo Scientific Nicolet 6700 FTIR, transfer line, heater controllers and software. Listed below are the parts to assembly this system. Thermo Scientific Cahn and Thermo Scientific Nicolet offer a wide variety of products that can be substituted to provide additional capabilities.



Thermal Analyst Software

The Thermal Analyst software allows easy creation of Thermal Methods. Features include integrated gas switching and flow control, control of external devices and the new Email function that automatically sends results to any email address following a run.

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C003 \_21.06.07

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