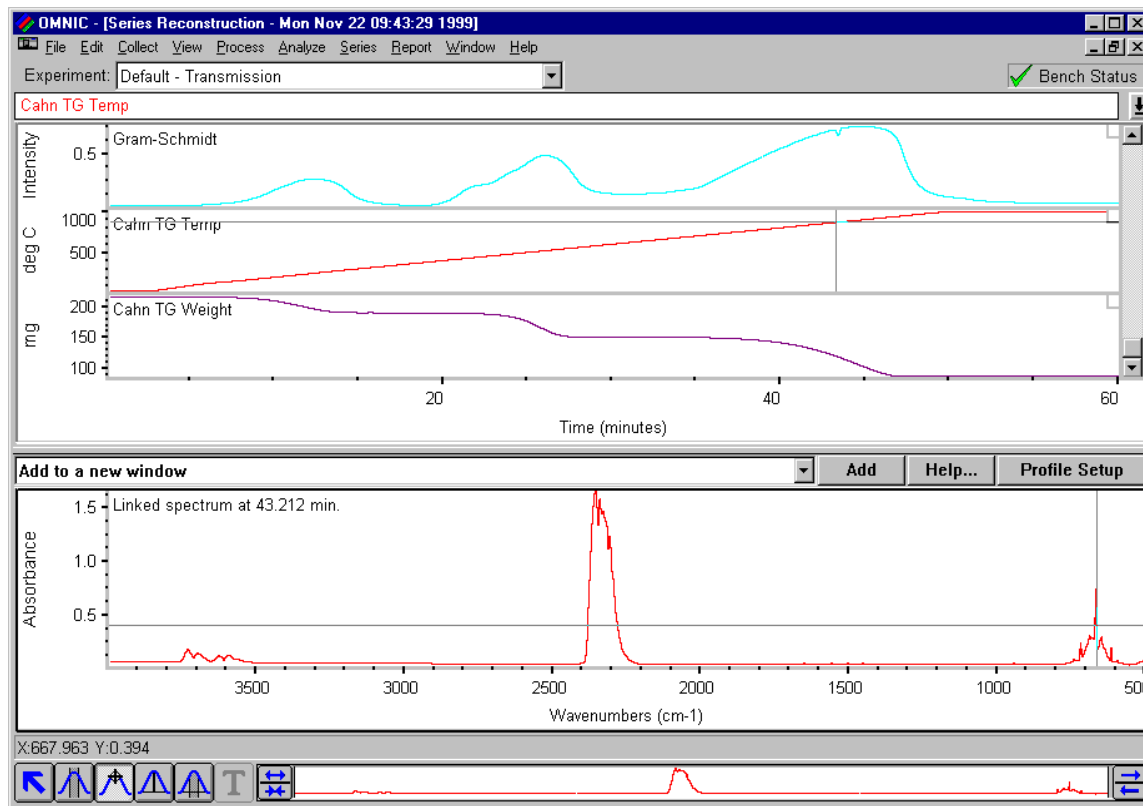


One Computer...

One Software...

One Company...

The **Thermo** TG-FTIR System



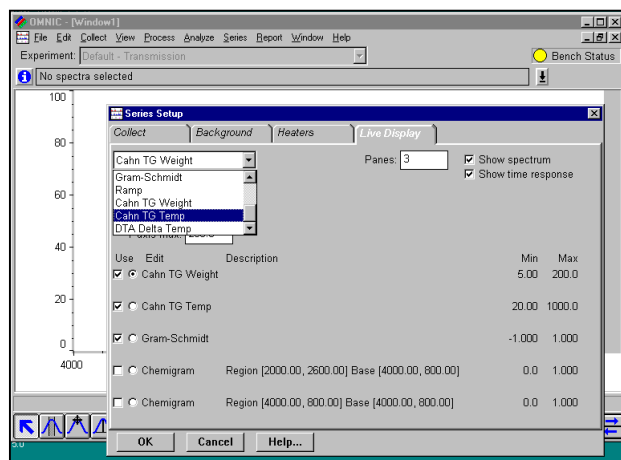
Thermo Nicolet's OMNIC Software with Thermo Cahn TGA data

Thermo Cahn and **Thermo Nicolet** have joined forces to produce the most complete TGA FTIR system available. Many TGA and FTIR systems can be joined together, but Thermo Cahn and Thermo 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 Cahn TGA system appears in the Thermo Nicolet OMNIC® 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 Cahn Remote start box, coordinates TG and FTIR data collection, eliminating differences in the time scale common with other systems.

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

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



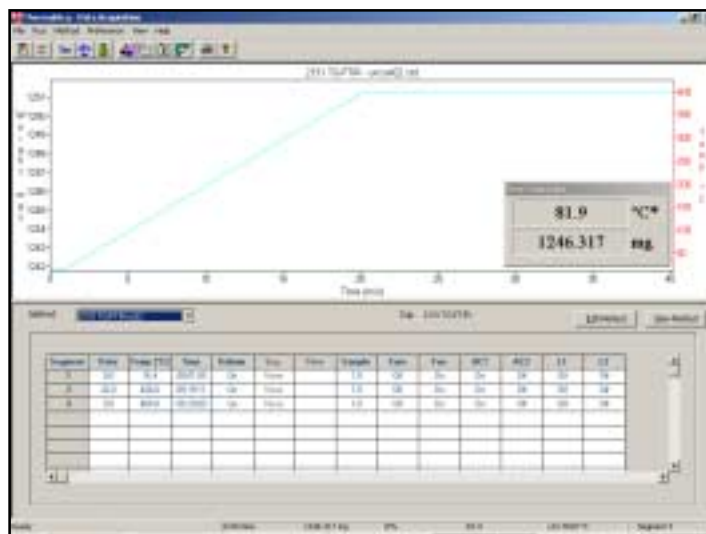
Selection of the data to view "Live" during the experiment



System Information:

A Typical TGA FTIR system consists of a Thermo Cahn TG-2131 and a Thermo Nicolet Nexus 470, transfer line, heater controllers and software. Listed below are the parts to assembly this system. Thermo Cahn and Thermo Nicolet offer a wide variety of products that can be substituted to provide additional capabilities.

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.



Thermal Analyst Software

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