

# What would you do with a high temperature, high volume, high mass TGA system?

## You could...

- Test an entire integrated component rather than each piece.
- Magnify small thermal events by using larger sample volumes.
- Model processes.
- Increase sensitivity, precision, and accuracy
- Analyze high temperature materials.
- Eliminate reaction chamber contamination from expanding samples.
- Link to Infrared Spectrometers or Mass Spectrometer available from Thermo Fisher Scientific.



Whole Tablets

Polymer Resins



Activated Charcoal Absorbent

## When you have features like these...

- Large, heterogeneous samples to 100 grams.
- Resolution to 0.1  $\mu\text{g}$ .
- High temperature to 1700  $^{\circ}\text{C}$ .
- Hyphenated techniques with Thermo Scientific Cahn's Synergy systems.
- Vacuum capability for oxygen free environment and fast purges.
- Resistance to corrosive gases.
- High pressure to 1500 psi.

Every analyzer includes Thermo Scientific Cahn's patented design for their unique corrosive-resistant chamber that ensures your system can withstand the day-to-day demands of your laboratory - even when you're running corrosive, gaseous products.



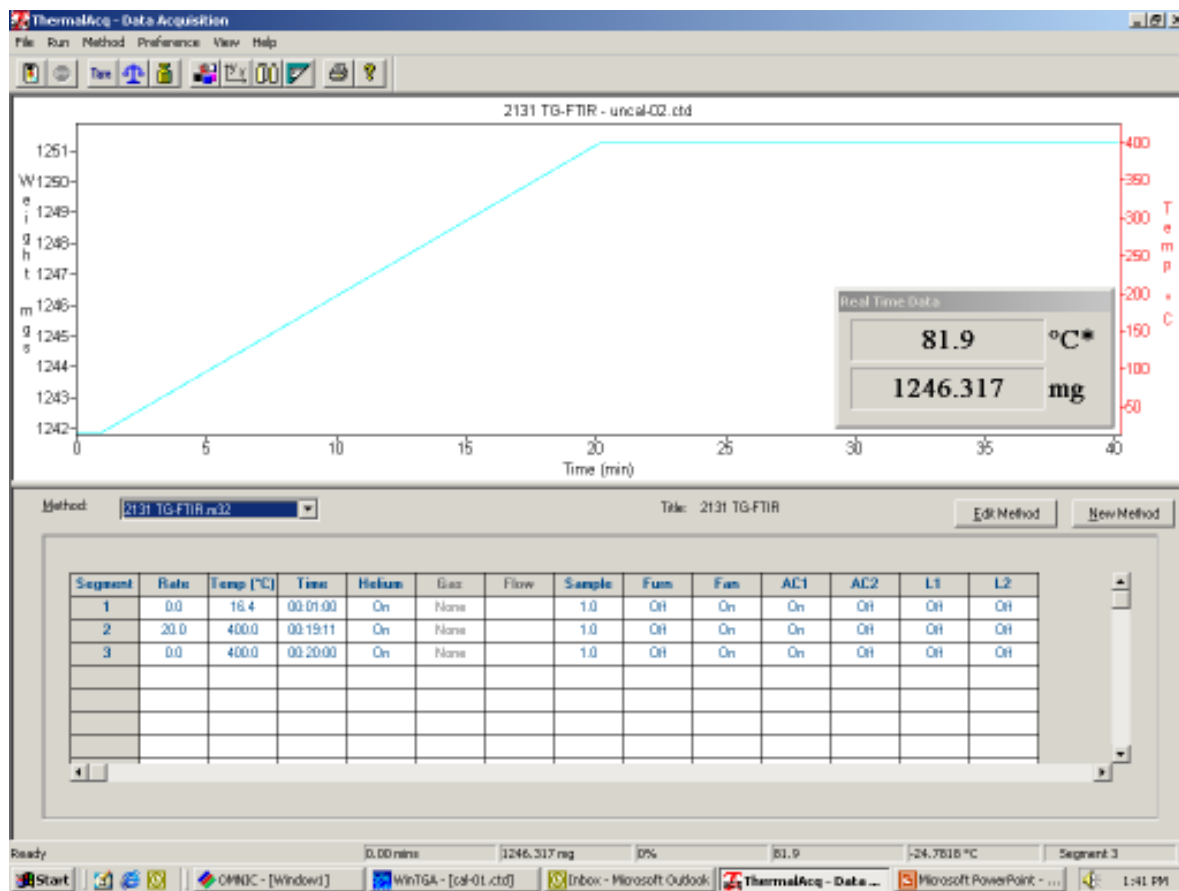
Ceramics

Large Volume, Low Density Materials



Entire Components

## Thermal Analyst software for complete control



Thermo Scientific Cahn TGA systems are controlled with one PC from which you can monitor real-time weight and temperature displays. Menu driven, it's easy to use and the Thermal Analyst Windows software provides unparalleled flexibility with features that allow you to...

- Program as many ramps and isothermal segments as you wish in one run.
- Store as many methods as needed-the software has no limits.
- Run continuously for as long as there is free hard disk space.
- Modify a method during a run or „on the fly.“
- Switch gases and control flow rates with the optional accessory.
- Email results automatically following the run.

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