

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 μg .
- High temperature to 1700 $^{\circ}\text{C}$.
- Hyphenated techniques with Thermo Scientific 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 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.



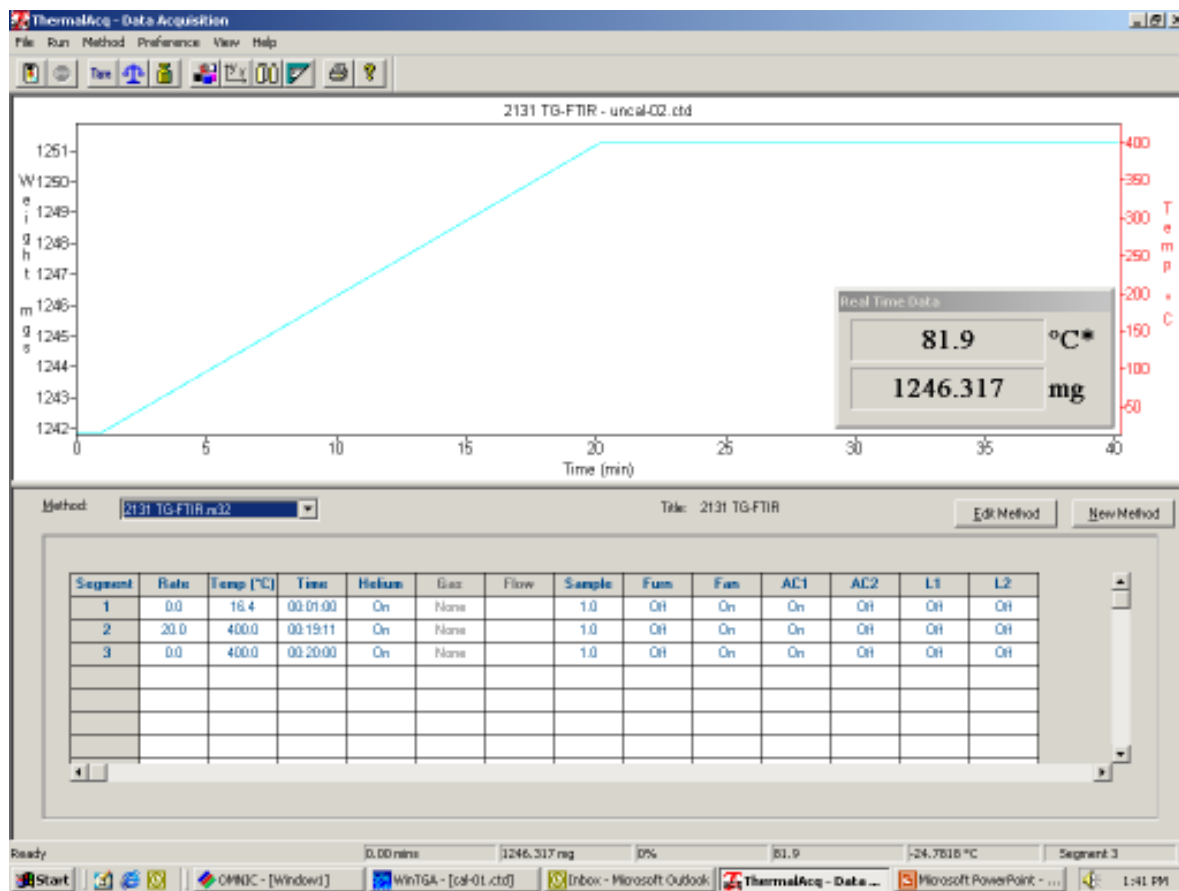
Ceramics

Large Volume, Low Density Materials



Entire Components

Thermal Analyst software for complete control



Thermo Scientific 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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