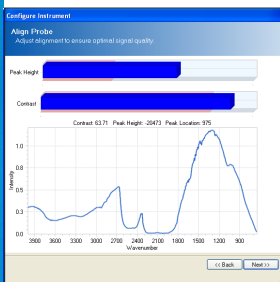
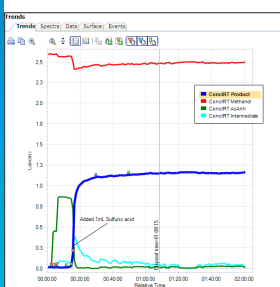


# Simply Powerful Real-Time Results with *In Situ* Spectroscopy



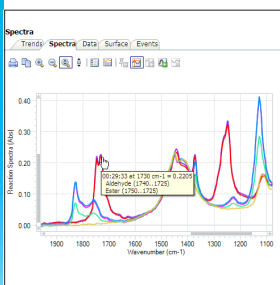
## Quality Assured

The iC IR™ wizard-guided software ensures that experimental data is only collected when the system is properly set up thereby improving the quality of experiments and reducing the possibility of errors.



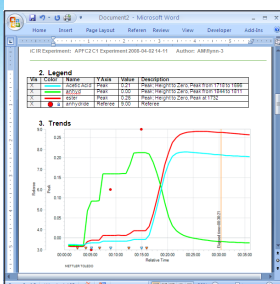
## Simply Intelligent

The ConclIRT™ algorithm makes it easy to extract the maximum amount of information from each reaction by automatically generating accurate component profiles and calculated spectra. Using the advanced ConclIRT™ algorithm improves productivity as data-rich information is generated in real time without specialized knowledge or prior information required.



## Built-in Knowledge

Collect reference spectra and choose the functional group of interest from a menu. As data collection begins, the concentration profiles for the reaction species of interest are automatically trended for concentration changes with respect to the chosen functional groups.



## One-Click Reporting

Create a detailed report summarizing an iC IR™ experiment with a single mouse click. The report includes trends, spectra, annotations and events. Print it, edit further in Microsoft Word or export to PDF – whatever supports your workflow.



## iC IR™ Software

iC IR™ allows scientists to obtain the maximum amount of information from reactions with the minimum amount of effort. Advanced, yet intuitive, iC IR™ helps non-specialists extract critical information about key reaction species and gain a thorough knowledge of their reactions. In short, iC IR™ enables informed decisions that improve the quality and robustness of chemical processes.

# Simply Powerful

## Real-Time Results with *In Situ* Spectroscopy

### Easy Data Collection and Instrument Control

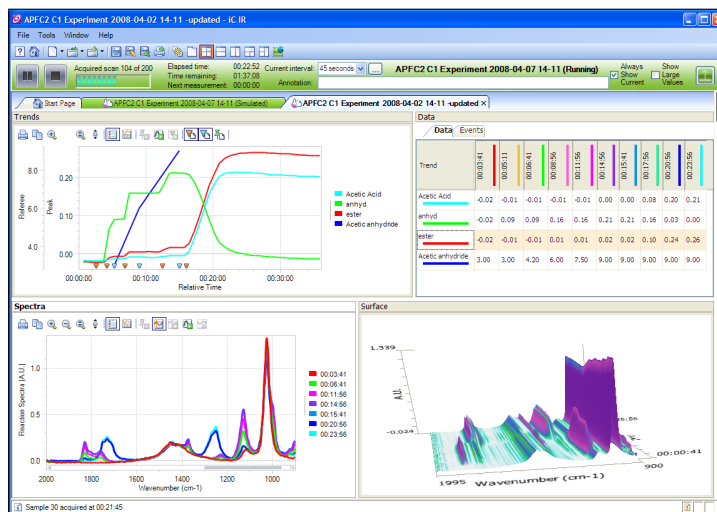
- **Wizard guided instrument and experiment setup** reduces errors and de-mystifies spectroscopy
- **Templates** allow reuse of all settings from previous similar experiments
- **Live experiment toolbar** consolidates key status and control functions
- **Large value display** lets you monitor key parameters from across the room or under the fume hood
- **Referee data** from HPLC or other methods can be captured and used to fit IR trends to quantitative concentrations
- **Sampling schedules** with varying sampling intervals allow for efficient analysis of long experiments
- **Rapid scan mode** allows fast reactions to be sampled at 1Hz+
- **Calibration validation** to NIST polystyrene standard ensures optimal data quality (optional)
- **RTD inputs** for recording reaction temperatures as trends (ReactIR™ 45m)
- **Auto align detector** (ReactIR™ 45m) ensures optimal instrument performance
- **Multiple vessel monitoring** with a MultiMaxIR or MultiplexIR

### Intuitive Data Analysis and Visualization

- **Linked views** simplify analysis and highlight data relationships
- **ConclIRT™ LIVE!** automatically detects and characterizes reaction components
- **On-the-fly data treatments** allow analysis to begin as experiments run
- **Annotations** are easily added to trends or spectra to enhance understanding and reports
- **Auto component profiling** facilitates functional group based monitoring
- **User-defined trends** allow more detailed analysis
- **Dynamic result sets** allow comparison of live experiments with previous runs
- **Data tabs** summarize profiles for key points in a reaction
- **Optional D2i modules** like iC Quant™ and ConclIRT™ Pro make it even easier to transform data into information

### Data Exchange and Quick Reporting

- **Data sharing with iC Suite** – allows dragging and dropping of trends between any iC Suite Software
- **Simple data sharing** – with third-party applications like Microsoft Excel via copy/paste
- **Single click report generation** produces detailed reports in Microsoft Word or in read-only XPS format
- **Data import/export** with other iC products, SPC files or Excel is fast and easy
- **Auto export** of experiment data supports integration with other systems
- **21 CFR Part 11 compatibility** for electronic record keeping allow the iC IRT™ software to be configured and used in compliant environments



### PC Specifications (Minimum Requirements)

	Single iC Application	Multiple iC Applications
<b>Operating System</b>	Windows XP™ SP3 or Vista SP1 32-bit	Windows XP™ SP3 or Vista SP1 32-bit
<b>CPU</b>	Intel Core 2 Duo 2.2 GHz T7500 (Notebook) or 2.4 GHz E4600 (Desktop)	Intel Core 2 Duo 2.5 GHz T9300 (Notebook) or 2.8 GHz E8300 (Desktop)
<b>Memory</b>	2+ GB RAM or more	3 GB RAM or more
<b>Hard Disk</b>	SATA 5400 rpm	SATA 7200 rpm
<b>Graphics</b>	FX5200 1280x1024 with 3D hardware acceleration, including Vertex Shader, Pixel Shader, Texture Support, and Lighting	FX5200 1280x1024 with 3D hardware acceleration, including Vertex Shader, Pixel Shader, Texture Support, and Lighting
<b>Additional Software</b>	Internet Explorer 7.0 Microsoft Office 2003 or 2007	Internet Explorer 7.0 Microsoft Office 2003 or 2007

### Supported Hardware

- iC IRT™ software supports the acquisition and evaluation of data from all ReactIR™ 4000, 45m and iC10 series instruments including MultiMaxIR™



### We've got you covered!

Protect your investment in iC software by staying current with the iCare software maintenance plan.

[www.mt.com/iCare](http://www.mt.com/iCare)

Learn more about software support offerings



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For more information