



iChemExplorer™

**Making Good Chemists
More Productive**

*Turn your HPLC and LC/MS into a
High Throughput Screening Tool!*

APPLICATIONS

- Library Synthesis • Solubility Screening
- Reaction Kinetics • Degradation
- Impurity Generation
- Design of Experiment Studies
- Excipient Compatibility



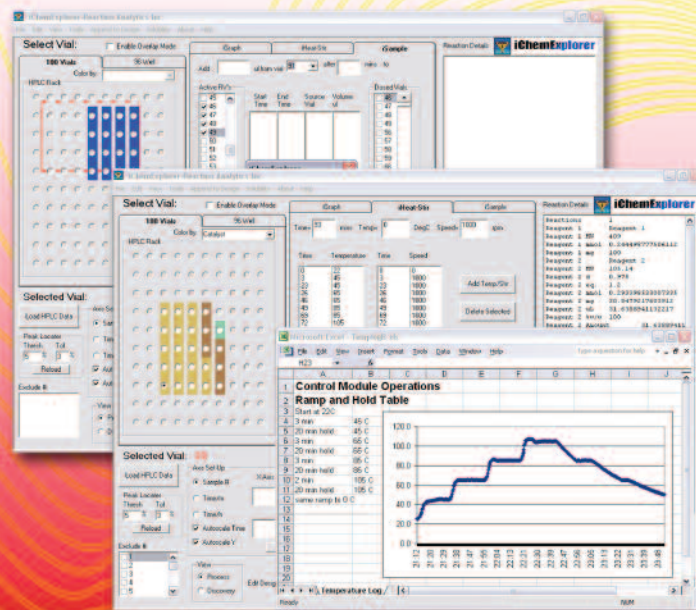
Chemistry in a Vial with iChemExplorer™ Heater Stirrer Module

- Low-cost add-on to HPLC with one day on-site installation & personalized training
- Small sample volume saves precious starting materials, minimizes waste and maintains near-constant concentration
- Fast run times with neat injections – no need to quench or dilute
- Uses standard autosampler rack layouts
- Small Footprint as Heater/Stirrer Module stacks under autosampler and iChemExplorer™ runs on HPLC PC
- Over-temperature safety feature



**iChemExplorer™
is INTUITIVE
NO PROGRAMMING
LANGUAGE REQUIRED**

Use a "temperature profile table" or manual control to heat up to 150°C with stirring. An in-block thermocouple provides direct temperature feedback control.



**Heat - Stir - Dose
Sample with Real-Time Peak Profile**



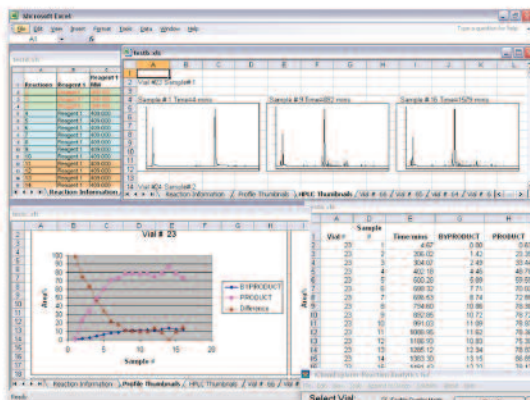
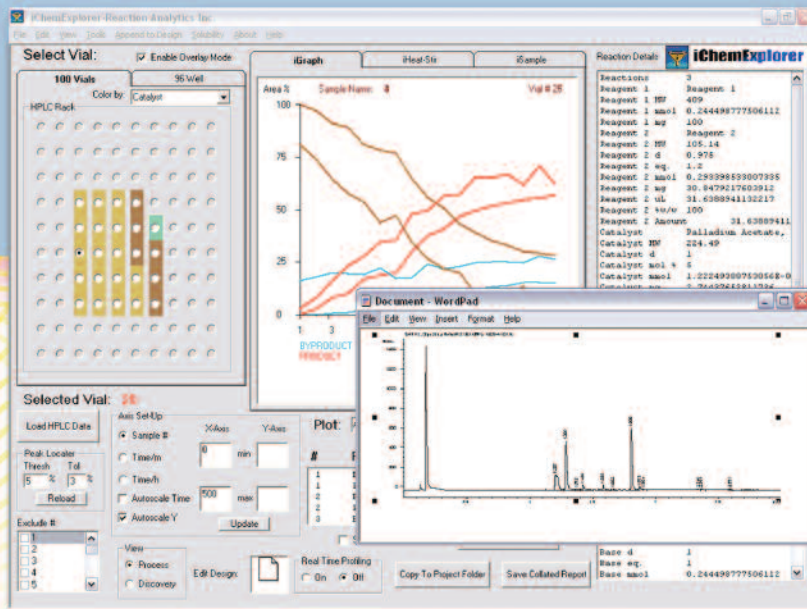
SEE RESULTS with

iChemExplorer™

ANALYTICS

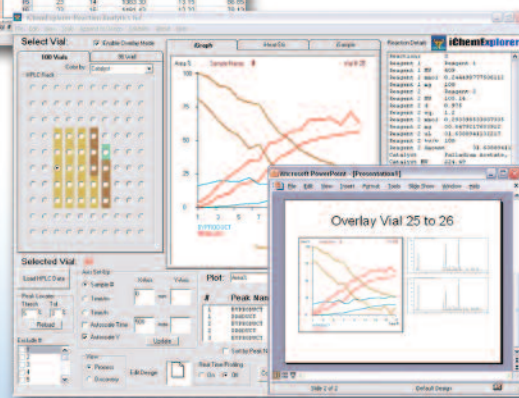
- Peak Profile
- MS over LC Data
- Temp/Stir Rate Profile
- "Traffic Light" Plot
- Profile in Real-Time
- Export Data to Excel™

- Visualize real-time results in a digital format
- See peak profiles for byproducts, product and reactants
- Compile LC/MS data to Peak Profiles
- Overlay MS on LC Data
- Copy and paste to MS Windows applications including e-notebook for fast presentation
- One-button export to MS Excel
- Find the peaks you want with Threshold and Tolerance
- Hide peaks with a single mouse click
- Create a chromatograph "movie" to visualize progression of experiment



iChemExplorer creates Excel workbooks with reaction conditions, chromatographs and peak profile for each vial and tabulates the data for further analysis

iChemExplorer creates graphs with peak profiles and chromatographs for pasting into PowerPoint or Word



CHEMGLASS

3800 North Mill Road • Vineland NJ 08360
U.S. and Canada phone: 1-800-843-1794 • Fax: 1-800-922-4361
customer-service@chemglass.com • www.chemglass.com