

CHEM+MIX™ Automated Solution Preparation System

Cost-effective, efficient, convenient — it's all in the mix.

Boost productivity in your lab with an easier, faster, and more cost-effective approach to solution preparation. Using the PC-controlled CHEM+MIX Automated Solution Preparation System, you can accurately and consistently combine up to six separate solvents, make pH adjustments and add internal standards. Trust CHEM+MIX to automate your solution preparation, and save hours each week.



CHATA



Solution preparation is now easier, faster, and more cost-effective.

Automate your solution preparation and free up your scientists' time. The CHEM+MIX Automated Solution Preparation System from CHATA makes it possible. This complete system includes:

- A PC-controlled interface for precise results and fully GxP compliance capable
- Solution volumes from 200mL to 2000mL using up to six different solvent lines
- Hands-free pH adjustment using time-proven technology
- 0.2 - 0.5% volume precision
- Finished solution labels generated automatically
- Multi-level security access

See improved lab efficiency immediately.

Rather than spending time unnecessarily preparing small batches of solutions, buffers or mixed organic solvents, your scientists can focus on obtaining analytical results. The CHEM+MIX Automated Solution Preparation System creates accurate, reproducible solutions at the touch of a button. With CHEM+MIX, your scientists can be confident that the solutions critical to their work are precise, accurate and consistent. And less worry means greater productivity.

Meet GxP requirements without the hassle of paperwork.

CHEM+MIX helps you practically eliminate the time-consuming task of completing GxP paperwork, saving even more of your scientists' time. Intuitive, 21 CFR Part 11 compliant capable CHEM+MIX software allows you to create, modify and store methods on the system PC for rapid recall — also convenient for use in repeat projects. Additionally, CHEM+MIX is fully compatible with patented CHEM+NECT pre-packaged chemical reagents.

CHEM+MIX™ System

CHEM+MIX Software

- Intuitive, easy-to-use software interface
- Save solution preparation data for faster reproducibility
- Fully 21 CFR Part 11 compliant capable

CHEM+MIX A-1

- Primary solvent delivery system for mixing up to six solvents
- Built-in stirrer
- Data interface

CHEM+MIX Mini Printer

- Prints solution preparation procedures directly from software interface
- Convenient audit trail paperwork at your fingertips
- Also prints finished solution labels for use in the lab

CHEM+MIX pH-1

- pH adjustment and titration
- Uses reagents distinct from the A-1 unit
- Two separate pH-1 units can be used in tandem with an A-1 module

A dependable system for automated solution preparation

As an R&D, methods development, clinical, or quality control laboratory, you are undoubtedly experiencing growing workloads and decreasing resources. CHEM+MIX is your easy-to-use solution for focusing your scientists' energies on bringing products to market rather than spending their time preparing solutions.

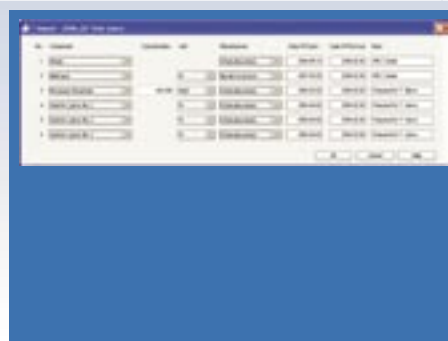
Ideal for testing and analysis departments with large workloads and limited personnel, CHEM+MIX is a PC-controlled, hands-free solution that saves time by helping you use your laboratory resources more efficiently. Flexible preparation volumes, automatic pH adjustments and internal standard additions supply the confidence that your reagents will be produced identically every time. Software, capable of meeting 21 CFR Part 11 requirements, delivers documentation to guarantee that your solutions meet the necessary regulations.

CHEM+MIX™ Software

21 CFR Part 11 compliant capable software for totally automated control

Have you ever wished that all your common solution preparation procedures were conveniently available at all times? And that these procedures would always result in precise, reproducible solvents, buffers and solutions? With the intuitive management software for the CHEM+MIX Automated Solution Preparation System, these in-demand features are now available for your lab.

Fully 21 CFR Part 11 compliant capable software offers multiple levels of security and data storage capacity that allows you to create, modify, and store preparation procedures. The CHEM+MIX software gives you, the complete, hands-off control to increase the efficiency of your lab. Whether your scientists routinely make small batches of solutions, or your lab needs an answer to continuous changes in reagent composition, CHEM+MIX is the right solution for you.



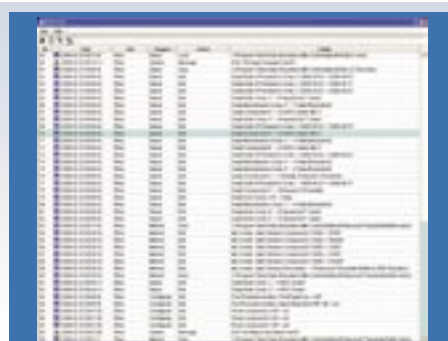
Depot Configuration

- Assigns concentrates and organics to incoming solvent lines
- Lists reagent traceability information
- Allows selection of appropriate units of measure and concentration



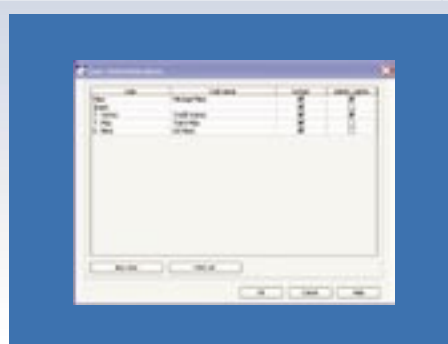
Solution Composition

- Details all components and concentrations in each solution
- Searchable by custom solution name
- Includes complete process parameters



Audit Trail

- Time and date stamp for every data entry or change
- Identifies user associated with each entry
- Details the data entry or change



User Rights

- Assigns permission levels for individual users
- Password protection
- Creates a secure solution preparation process



CHEM+MIX A-1



CHEM+MIX pH-1



CHEM+MIX Mini Printer



CHEM+MIX Software & Computer

What's included in the CHEM+MIX system?

Every CHEM+MIX Automated Solution Preparation System includes everything you need to automate your solution preparation process:

- CHEM+MIX A-1 unit with six solvent ports and built-in stirrer
- CHEM+MIX pH-1 automatic pH adjustment and titration unit
- CHEM+MIX mini-printer
- Dell Optiplex desktop PC with Microsoft® Windows® XP and Microsoft® Office® 2003 Professional installed
- Full version of CHEM+MIX solution management software, installed on PC
- User manual

What are the ideal applications for CHEM+MIX?

If your lab makes:

- Buffers
- Blended organic solvents
- Blended aqueous solutions
- Especially useful for preparing volumes of 2L or less – e.g. methods development, R&D, drug discovery or quality control

What kinds of analytical techniques will CHEM+MIX simplify?

Virtually any analytical technique that requires a pre-blended reagent mixture including, but not limited to:

- High Performance Liquid Chromatography (HPLC)
- Liquid Chromatography-Mass Spectrometry (LC-MS)
- Flash & Process Chromatography
- Solid Phase Extraction (SPE)
- Capillary Electrophoresis (CE)
- Flow Cytometry

What level of consistency can we expect from CHEM+MIX solutions?

With CHEM+MIX, you can expect total consistency for every solution, every time. CHEM+MIX is lab-proven to deliver flexible preparation volumes and pH adjustments with greater than 0.5% precision for every application.

How much time will my lab save with CHEM+MIX?

Your scientists typically spend hours every day preparing the reagents that are critical to their analysis of target compounds. Then, they must often record the details of the reagents used in the prepared solutions prior to starting their analyses. With the CHEM+MIX Automated Solution Preparation System, you can replace much of that time with the push of a button, allowing your scientists to concentrate on more productive projects.

Contact CHATA today.

Call us at 877-246-2428 or visit our web site, www.chatasolutions.com, to find out more.

Join the growing number of laboratories around the world who have realized the timesaving benefits of innovative CHATA products.

CHATA

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