Compounding Solutions

An advanced system for multi-ingredient solution compounding

ExactaMix

Baxter
EXACTAMIX Compounding Systems represent your answer to complex and critical multi-ingredient compounding. Baxter Healthcare Corporation brings advanced technology to the pharmacy for innovation and efficiency. Your pharmacy operations will see results from the EXACTAMIX Compounder’s ability to expedite production of compounded solutions through accuracy and automation.

“This technologically advanced piece of machinery has allowed us to prepare more TPNs in a shorter time span...”

ST. VINCENT INFIRMARY MEDICAL
Safety Features & Workflow Efficiency

Pharmacy automation can help increase productivity and reduce costs associated with each preparation. The EXACTAMIX Compounder can produce a typical 3 L bag in approximately four minutes, resulting in an impact on preparation times. Using the EXACTAMIX Compounder may help streamline your practice for compounding total parenteral nutrition (TPN) and other multi-ingredient solutions.

The EXACTAMIX Compounder gives you the ability to provide custom therapy solutions for patients efficiently. The EXACTAMIX Compounder is designed with multiple safety features. For example, the barcode reader retrieves patient orders from the order entry system, promoting the elimination of double entry on the compounding device, while the verification and recording of source containers is used to help assure order accuracy.
Changing standards and regulatory compliance requirements place increasing demands on the pharmacy staff. Baxter strives to provide devices to help meet demanding industry guidelines. The EXACTAMIX Compounder provides audit records that document calibration activities, pumping accuracy and individual patient formulas, facilitating USP <797> compliance documentation. Baxter offers on-site training for users and setup of authorized user names with every EXACTAMIX Compounding System purchase or lease. The integration of the system facilitates compliance.

If you have an issue or need help, our team is there to answer your questions 24 hours a day, 7 days a week.
The EXACTAMIX System
Technology to Facilitate Multi-Source Compounding

ACCURATE
Pump transfers volumes as low as 0.2 mL. Gravimetric check following volumetric delivery is designed to provide an independent validation that the bag’s final weight is within predefined accuracy limits.

FLEXIBLE
System is self-contained and can interface with many order entry systems. Made to adapt to the demands of individual pharmacies.

TWO SYSTEM CHOICES

EM2400
With 24 ingredient ports, the EM2400 has the ability to help reduce the need for manual additions and automate the preparation of additional therapies, such as continuous renal replacement therapy (CRRT), cardioplegia and base solutions.

EM1200
The 12-ingredient configuration utilizes the same advanced technology as the prevalent EM2400. The EM1200 Compounder may be an appropriate system for therapies that require fewer ingredients or smaller facilities with distinct patient demographics.
ENHANCES EFFICIENCY
The combination of more ports and a lower pump volume capability can significantly reduce the demand for manual additions, potentially decreasing the overall time required to complete a dose. The electronic Y-site minimizes bag changeovers for large-volume ingredients.

SAFETY FEATURES
The barcode scanner verifies the source container and patient formula. Multiple ports and low-volume delivery reduce the need for manual additions. Fewer connections to create a TPN may reduce the potential for contamination related to admixture preparation.

EASY-TO-USE
Step-by-step Setup Wizard guides technicians through the steps necessary to properly set up and calibrate the compounder. Assembles with a snap-on valve set. Touchscreen display with intuitive graphical icons allows users to visualize the compounding process.

OPERATING SOFTWARE FEATURES

SECURE
• Barcode and weigh scale technology
• User-definable security permissions
• Blackbox log of system operations

USER-FRIENDLY
• Simple drop-down menus
• Setup Wizard to guide each setup
• Easy-to-use touchscreen and graphic displays

VERSATILE
• Network interface to ABACUS TPN Calculation Software and other pharmacy IS systems
• Maintains formulary, for standard and patient-specific compounding
System Features

• Touchscreen display
• Volumetric delivery with gravimetric check
• Syringe source containers
• Electronic Y-site for high volume ingredients
• Air detection
• Occlusion detection
• Modular system – designed to be easy to clean
• Self-contained medical device using embedded software
• Designed to withstand accidental spills
• Macro and micro ingredient mixing
• Integrated load cell and user interface display
• Barcode verification
• Software networking capability
• Non-DEHP tubing

Accessories

**EVA BAGS**

Baxter EVA Bags, with large-bore threaded port connectors, come in the following volumes:
250 mL, 500 mL, 1000 mL, 2000 mL, 3000 mL, 4000 mL, 5000 mL.

Our Dual-Chamber Bags allow for isolation of lipids for storage or transport before mixing. Available in 1500 mL and 3000 mL volumes.

**VALVE SETS**

Valve assemblies for the EM2400 (24 ports) and the EM1200 (12 ports) Compounders. Each port is numbered and the set snaps on to the main module.

**INLETS**

Vented, Micro-Volume Inlet

Vented, High-Volume Inlet

Vented Micro-Volume Inlet with Bag Spike

Non-Vented, High-Volume Inlet

Syringe Inlet

Components

Display

Main Module

Load Cell

Vial Rack

Bar Code Reader
Specifications

POWER
100-240V AC RMS, 50-60Hz, 336W
4A, slow acting, 250V fuse rating

DIMENSIONS & WEIGHT
Main Module 24 x 10 x 10 in (61 x 25 x 25 cm) 40 lbs (18 kg)
Display Module 11 x 5 x 9 in (28 x 13 x 23 cm) 10 lbs (5 kg)
Load Cell 13 x 8 x 10 in (33 x 20 x 25 cm) 5 lbs (2 kg)
System Footprint 30 x 19 x 12 in (76 x 48 x 31 cm) 79 lbs (36 kg)

PERFORMANCE
Water Flow Rate Up to 16.6 mL/sec
Repeatable Accuracy EM2400 ± 10% at 0.2 mL; ± 5% at 0.4 mL;
± 3% above 1 mL
Repeatable Accuracy EM1200 ± 0.03 mL up to 0.4 mL; ± 0.06 mL at 1 mL;
± 0.4 mL at 10 mL
Minimum Dispensing Volume 0.2 mL in increments of 0.01 mL
Maximum Number of Ingredients 24 on EM2400; 12 on EM1200
Operating Temperature 15 to 30° C (59 to 86° F)
Storage Temperature 0 to 64° C (32 to 147° F)

Pharmacy Integration

ABACUS TPN Calculation Software
Make your TPN calculations simple with Abacus TPN Calculation Software. ABACUS Software is a Windows® based order entry software program for comprehensive TPN calculations and label printing. Software includes warning limit capability, aluminum tracking, drag-and-drop calcium phosphate curve solubility and other features to accommodate individual facility protocols.

DoseEdge TPN Pharmacy Workflow Manager
The DoseEdge TPN Pharmacy Workflow Manager is designed to work directly with your EXACTAMIX Compounder and delivers in-process controls, tracking, remote checking and record keeping for the entire TPN preparation process, including manual additions. DoseEdge Software allows dose inspection from anywhere within your facility.

Rx Only.
For safe and proper use of the devices referenced herein, refer to the appropriate manuals.