EXACTAMIX Compounding Systems from Baxter Healthcare Corporation are an advanced solution for multi-ingredient compounding.

- Produce a typical 3L bag in approximately four minutes, resulting in an impact on preparation times
- Eliminate the need to manually pool electrolytes during TPN batch processing by utilizing more ports to automate a majority of your ingredients
- Helps reduce the need for manual additions by pumping volumes as low as 0.2 mL
- Facilitate compliance with detailed audit records that document calibration activities, pumping accuracy and individual patient formulas
- Automate preparation of continuous renal replacement therapy (CRRT), cardioplegia and base solutions
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
Hardware interfaces with multiple order entry systems. Integrated load cell and monitor result in a compact system footprint.

TWO SYSTEM CHOICES:

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.

EM2400
With 24 ingredient ports the EM2400 has the ability to eliminate electrolyte pooling and help reduce the need for manual additions in PN compounding and can automate preparation of additional therapies, such as continuous renal replacement therapy (CRRT), cardioplegia and base solutions.
SAFETY FEATURES
The barcode reader verifies and records source container information during set up and can retrieve patient formulas from any order entry system that produces a .PAT file and barcode, promoting the elimination of double entry on the compounding device.

EASy-TO-USE
Step-by-step Setup Wizard guides technicians quickly through the steps necessary to properly set up and calibrate the compounder for the day’s production. Touchscreen display with intuitive graphical icons allows users to visualize the compounding process.

ENHANCES EFFICIENCY
The combination of more ports and a lower pump volume capability eliminates electrolyte pooling and can 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.

INTERFACE CAPABILITIES INCLUDE:
• ABACUS TPN Calculation Software
• CPR Plus (Definitive Homecare Solutions)
• Epic
• SCS (Specialized Clinical Systems)
• HAI (Healthcare Automation, Inc.)
• Cerner / Megasource-MS Meds
• MBI (Management by Information)
• CareCentric PharmMed (formally Mestamed)
• BDM (now part of GE Medical Systems)
• Neofax PC
• PCSI (Pharmacy Computer Services, Inc.)
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). 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**

<table>
<thead>
<tr>
<th>Module</th>
<th>Dimensions (in x in x in (cm x cm x cm))</th>
<th>Weight (lbs/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Module</td>
<td>24 x 10 x 10 (61 x 25 x 25)</td>
<td>40 (18)</td>
</tr>
<tr>
<td>Display Module</td>
<td>11 x 5 x 9 (28 x 13 x 23)</td>
<td>10 (5)</td>
</tr>
<tr>
<td>Load Cell</td>
<td>13 x 8 x 10 (33 x 20 x 25)</td>
<td>5 (2)</td>
</tr>
<tr>
<td>System Footprint</td>
<td>30 x 19 x 12 (76 x 48 x 31)</td>
<td>79 (36)</td>
</tr>
</tbody>
</table>

**PERFORMANCE**

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

**ORDER ENTRY SOFTWARE**

The EXACTAMIX Compounder’s operating software can interface with many common order entry systems. The order entry software must be able to produce a compatible .PAT file and corresponding label with bar code. For more information, contact Technical Support at 800.678.2292.

**Pharmacy Integration**

**ABACUS TPN Calculation Software**

Designed by pharmacists, ABACUS TPN Calculation Software is an easy-to-use program that promotes dose safety and reduces the opportunity for user error in the prescribing, calculating and mixing of parenteral nutrition and other multi-ingredient solutions. The software offers built-in safety features and user customization that allows you to match forms and procedures from multiple referral sources.

**Key features include:**

- User security, activity audits and workflow management
- Energy, ion and salt-based order entry modes
- Customizable labels, formulary and order entry templates
- Electronic pharmacist order approval
- Supports both 2-in-1 and 3-in-1 ordering and batch processing
- Warning limit capabilities
- Drag-and-drop CaPhos solubility curve analysis

**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 allows dose inspection from anywhere within your facility.

**Rx Only.**

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