

**Baxter**

ExactaMix Pro  
AUTOMATED COMPOUNDER

# AN ADDED DOSE OF SECURITY IN EVERY BAG YOU COMPOUND

ExactaMix Pro delivers advanced security to help safeguard against cyber threats



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PROTECT  
AGAINST  
CYBERATTACK

# HELP PROTECT YOUR PHARMACY AGAINST THE NEXT CYBERATTACK

Interconnected medical devices, including those that may be used in your pharmacy, are major targets for cyberattack. As the first and only automated compounder certified to FDA-recognized cybersecurity standard UL 2900-2-1, **ExactaMix Pro** is designed to be the most secure automated compounding device – helping to safeguard against cyber threats.

[FACTS & FIGURES ON RECENT HOSPITAL SYSTEM BREACHES](#)

[CLICK ON EACH GRAPHIC FOR DETAILS](#)

PROTECT  
AGAINST  
CYBERATTACK

# PHARMACISTS KNOW THERE'S A LOT ON THE LINE

In a busy pharmacy, pharmacists need to feel confident that their compounding is secure against a cyberattack, so they can remain focused on what is most important.

Does your automated compounder introduce more vulnerability to attack ... or does it enhance your pharmacy's cybersecurity against interruption and data corruption?



## PATIENT SAFETY

Will patient safety be compromised?



## MEDICATION ERRORS

What if the compounding order is corrupted?



## PHARMACY DOWNTIME

How long could my pharmacy be offline or out of service?



## LOSS OF CONTROL

Could hackers take control of my compounder?



# INTRODUCING EXACTAMIX PRO

**ExactaMix Pro** has been designed to meet the evolving needs of the modern pharmacy – combining the trusted features you rely on with improved processing power, ease-of-use and an intuitive interface for the efficient, reliable delivery of automated compounding, all to help meet patient needs.

ENHANCED SAFETY →

ADVANCED CYBERSECURITY →

COMPREHENSIVE REPORTING →

REDESIGNED COMMAND CENTER DISPLAY →

INTUITIVE SELF-SERVICE →





# EXPANDED CAPABILITIES

FDA-RECOGNIZED  
CYBERSECURITY  
CERTIFICATION  
UL2900-2-1

SLIM, HIGHLY  
RESPONSIVE  
TOUCHSCREEN  
DISPLAY

DATA  
STORAGE FOR  
REPORTING

DOWNLOAD  
REPORTS IN  
EXCEL FORMAT

MANUAL  
ADDITION  
REMINDER

CUSTOMIZED  
LINUX OPERATING  
SYSTEM

VOLUMETRIC AND  
GRAVIMETRIC  
ACCURACY CHECKS

INTEGRATES WITH  
ABACUS & SELECT  
ORDER ENTRY  
SYSTEMS

**EXACTAMIX  
PRO**

✓	✓	15 months	✓	✓	✓	✓	✓
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**EXACTAMIX**

		45 days				✓	✓
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ADVANCED  
SECURITY

# ADVANCED CYBERSECURITY DESIGN

FIRST AND ONLY AUTOMATED COMPOUNDER  
CERTIFIED TO THE FDA-RECOGNIZED  
CYBERSECURITY STANDARD UL 2900-2-1,  
protecting your hospital and patients.

## ENCRYPTION

Data is encrypted in transit and at rest,  
helping to safeguard the device



## LINUX OPERATING SYSTEM

Runs on a customized version  
of Linux that incorporates  
digital certificates

## SECURE BOOT

Starts with secure boot to help  
resist malware attacks

## VIRUS AND MALWARE PROTECTION

USB ports are designed to prevent  
malware or viruses from running

ACCURACY,  
SAFETY AND  
EASE OF USE

# THE ACCURACY AND PRECISION YOU KNOW AND TRUST

- Air bubble and occlusion detectors
- Barcode scanning to verify the source container and inlet tubing and to initiate compounding of patient formulas
- Pop-up reminders for manual additions must be confirmed before proceeding, reducing the risk of an omitted ingredient





ACCURACY,  
SAFETY AND  
EASE OF USE

# ENHANCED FEATURES FOR OPERATIONAL EFFICIENCY AND EASE-OF-USE

- Multiple ports and micro-volume pumping can help reduce manual additions, potentially decreasing time for order completion
- Inlet flexibility helps reduce waste compared to an integrated tube set
- Wireless capabilities simplify file sharing
- Intuitive command center interface with an easy to clean and highly responsive touchscreen
- Redesigned cradle for easy barcode scanner storage



# OUR SERVICE AND SUPPORT

Baxter technical, clinical and customer support specialists help optimize your automated compounding with timely services to support your unique needs.

## INSTALLATION & INTEGRATION

- In-depth guidance and support from initial consult to hands-on system configuration and implementation
- Step-by-step Setup Wizard to guide user through set-up and calibration
- Expert Baxter clinical team can help streamline pharmacy workflow

## MAINTENANCE & SELF-SERVICE

- Self-service features support efficient in-house maintenance
  - User-replaceable barcode scanner holder, Command Center cable and battery
  - Searchable electronic Operator Manual
- Planned digital upgrades to enable future enhancements
- Operational data logging for troubleshooting support

## TRAINING & EDUCATION

- Tailored education and training provided by certified installation team
- Online modules available for 24/7 training

UPGRADE TO EXACTAMIX PRO

UPGRADE TO EXACTAMIX PRO

AVAILABLE 24/7/365  
CUSTOMER SERVICE (800) 678-2292






# A PROVEN LEADER IN COMPOUNDING

Baxter has been innovating parenteral nutrition compounding since the early 1980s. Our market-leading expertise — combining pharmacy compounding automation with pharmacists' hands on experience — provides the proven systems and a comprehensive portfolio of solutions that hospitals and compounding facilities know and trust.

PROVEN PARENTERAL NUTRITION PERFORMANCE



100,000,000+ BAGS COMPOUNDED OVER 25 YEARS<sup>4</sup>

BUILT ON **EXACTAMIX** LEGACY OF SUCCESS



TRUSTED BY >1,000 FACILITIES<sup>4</sup>

4. Baxter Internal Data on File.

# MEETING THE EVOLVING NEEDS OF THE MODERN PHARMACY

## PRESENT

### EXACTAMIX PRO

- Certified to FDA-recognized cybersecurity standard UL 2900-2-1 for Network-Connectable Devices
- Command Center Display with highly responsive, capacitive touch screen and updated graphical user interface
- Increased Data storage from 45 days to 15 months to allow deeper analysis
- Exportable reports to help analyze and improve pharmacy operations
- Wi-Fi connectivity capability
- Enhanced self-service
- On-demand training modules
- Electronic Operator Manual

## FUTURE

### EXACTAMIX PRO AND ABACUS COMMUNICATION ENHANCEMENTS

- Bi-directional exchange of data with Electronic Medical Record Systems for single order entry, verification, preparation and documentation with approved order entry systems



# SPECIFICATIONS

## DIMENSIONS & WEIGHT

• Main Module	24 x 10 x 10 in	40 lbs
• Display Module	11.5 x 2.2 x 7.9 in	4.3 lbs
• Load Cell	13 x 8 x 10 in	5.1 lbs
• System Footprint without the Vial Rack	33 x 19 x 12 in	62.4 lbs

## PERFORMANCE

• Water Flow Rate	Up to 16.6 mL/sec
• Accuracy	± 0.03 mL at 0.2 mL; ± 0.03 mL at 0.4 mL; ± 0.06 mL at 1 mL; ± 5% at 10 mL and greater
• Dispensing of Ingredients	Increments of 0.01 mL
• Maximum Number of Ingredients	24 on EM2400; 12 on EM1200

## ELECTRICAL

- 100-240V AC RMS, 50-60Hz, 336 W



# DISPOSABLES

The **ExactaMix Pro** uses the existing portfolio of disposables.



## VALVE SETS

24 and 12 port valve sets, respectively, are required for the EM2400 and EM1200 compounder



## EVA BAGS

Baxter's EVA bags are validated for use on **ExactaMix Pro** and come in seven volumes ranging from 250mL – 5L. Dual chamber bags in 1.5L and 3.0L are available for isolation of lipid for storage and transport before mixing.



## INLETS

Non-Vented,  
High-Volume  
Inlet

Vented,  
High-Volume  
Inlet

Vented,  
Micro-Volume  
Inlet

Syringe Inlet

Vented,  
Micro-Volume  
Inlet with Bag  
Spike

# A BROAD PORTFOLIO, INDIVIDUALIZED TO YOUR NEEDS

With diverse needs of different pharmacies, care settings and patients, Baxter offers a comprehensive portfolio of clinical nutrition products from **ExactaMix Pro** and **Q-NRG+** devices, to source ingredients and licensed, ready-to-use solutions – simplifying the complex so you can provide reliable, quality PN therapy efficiently.



**Q-NRG+ METABOLIC MONITOR**

Next-Generation metabolic monitor. Measure, don't estimate resting energy expenditure.



**EXACTAMIX PRO AUTOMATED COMPOUNDER**

The trusted, market-leading platform with advanced cybersecurity and enhanced ease-of-use.



**ABACUS SOFTWARE**

Information you can trust with a simplified order entry and calculation process.



**AMINO ACIDS**

A broad array of amino acids. Available for both pediatric and adult patients.



**VITAMINS**

Multiple vitamins for infusion with indications for both pediatric and adult patients.



**LIPIDS**

Lipid injectable emulsion for intravenous use available in a variety of concentrations and volumes.



**STANDARDIZED PREMIX PN**

Portfolio of standardized premix PN formulations.

MEASURE

MIX

NOURISH

# HOW TO UPGRADE

**CONTACT YOUR BAXTER NUTRITION SPECIALIST**  
to review the contract options

**COMPLETE CONTRACT**

**WORK WITH PHARMACY, IT,  
AND BAXTER UPGRADE TEAM**  
to review upgrade process and  
gather background information

**CHOOSE YOUR UPGRADE DATE**

**COMPLETE EXACTAMIX PRO UPGRADE**





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For the safe and proper use of the devices mentioned herein, refer to the appropriate Instructions for Use or Operator Manual.

US-CN8-220024 v1.0 10/2022

