



## AXP® II System

Advanced cord blood processing, stem cell harvesting, and data tracking.

- Automated, closed system
- Precise cell separation
- Fast, high-volume processing
- Consistently high mononuclear cell recoveries
- Sterile in-line sampling
- Quick, accurate data tracking



## AXP II System

The innovative AXP II System defines the processing standard for harvesting stem cells from umbilical cord blood units. It's an automated, fully closed, sterile system that volume-reduces cord blood to a user-defined volume in 30 minutes, while retaining over 97% of the mononuclear cells (MNCs)\*. Self-powered and microprocessor controlled, the AXP II System contains flow control optical sensors which achieve precise separation.

**HANDS-FREE OPERATION** • Automated, closed, sterile system.

**HIGH YIELDS** • Consistently high MNC recoveries.\*

**RELIABLE VOLUME REDUCTION** • Reproducible reduction of initial unit volume to a user-determined final volume allows standardization of the freezing process.

**STREAMLINES WORKFLOW** • Simultaneous processing of up to six samples.

**SAFE OPERATION** • In-line sterile sampling.

**EASY DATA MANAGEMENT** • Quick and accurate data tracking with XpressTRAK® software.

**SELF-POWERED** • Powered by a rechargeable NiMH battery.

**COMPLETE SYSTEM SOLUTION** • The AXP II consists of the AXP II device, docking station, processing set, and XpressTRAK® software that assists with cGMP and cGTP compliance.

\*Source: New York Blood Center (97.9% sd 4.9%).

For ordering information, contact your local distributor or visit us at [thermogenesis.com](http://thermogenesis.com)



Cord blood is transferred from a standard collection bag to the processing set, which is placed in the AXP II device and centrifuged.

After centrifugation the blood is stratified into red blood cell, buffy coat, and plasma segments. The AXP II device harvests each of these components into separate bags.



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