

MarrowXpress™

Advanced bone marrow processing, stem cell harvesting, and data tracking.

- *Automated, closed system*
- *Precise cell separation*
- *Consistently high mononuclear cell recoveries and CD34⁺ recoveries*
- *Low residual red blood cell contamination*
- *Sterile in-line sampling*
- *Rapid sample processing*



The innovative MarrowXpress™ System defines a new processing standard for isolating and retrieving stem cells from bone marrow aspirate. It's an automated, fully closed, sterile system that volume-reduces bone marrow to a user-defined volume in 30 minutes, while retaining over 90% of the mononuclear cells (MNCs)*. Self-powered and microprocessor-controlled, the MarrowXpress platform contains flow control optical sensors which achieve precise separation.



Bone marrow aspirate is transferred to the processing set, which is placed in the MarrowXpress device and centrifuged.



After centrifugation stratifies the bone marrow aspirate into RBC, buffy coat, and plasma segments, the MarrowXpress device harvests each of these components into separate bags.

ThermoGenesis Corporation
2711 Citrus Road
Rancho Cordova, CA 95742
Toll-free: 800.783.8357(US/Canada)
Direct: 916.858.5100
Fax: 916.858.5199

For ordering information, contact your local distributor or visit us at: www.thermogenesis.com

HANDS-FREE OPERATION Automated, closed, sterile system.

HIGH YIELDS Consistently high MNC recoveries and CD34⁺ recoveries.*

RELIABLE VOLUME REDUCTION Reproducible reduction of initial unit volume to a user-determined final volume.

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.

RAPID SAMPLE PROCESSING Sample separation and concentration complete in 30 minutes.

SELF-POWERED Powered by a rechargeable NiMH battery.

REAL-TIME COMMUNICATION XpressLINK software provides the ability to link data from AXP devices.

COMPLETE SYSTEM SOLUTION The MarrowXpress™ System consists of the docking station, processing set, and XpressTRAK™ software that assists with cGMP and cGTP compliance.

*Data on file.