



BONE MARROW PROCESSING

ADVANCING THERAPEUTIC APHERESIS AND CELL COLLECTIONS TO THE NEXT LEVEL OF PATIENT CARE

TERUMOBCT
Unlocking the Potential of Blood

SPECTRA OPTIA® APHERESIS SYSTEM

Bringing ease of use to bone marrow processing procedures

Through on-screen guidance and a single-bag approach, the Spectra Optia system helps make bone marrow processing (BMP) procedures easy. With a minimal amount of interaction needed throughout the procedure, you can perform other tasks while the system processes the bone marrow in under 90 minutes.

PROCEDURE AND SYSTEM HIGHLIGHTS

Minimal required interactions	<ul style="list-style-type: none">Streamlines protocol with a single-bag approachGuides you through the protocol with an intuitive graphical user interface (GUI)Allows you to perform other tasks as the system continuously monitors and adjusts the interfaceMinimizes memorization and simplifies training
Consistent results	<ul style="list-style-type: none">Automated interface management system produces consistent results through interface stabilityPerforms red cell reduction greater than 97 percent*Provides volume reduction greater than 80 percent, producing a final product volume under 200 mL*
Functionally closed procedure	<ul style="list-style-type: none">Helps prevent the contamination of harvested bone marrowFrees up space because a clean room may not be required†
Procedural flexibility	<ul style="list-style-type: none">Provides you with control over parameters to meet your target processing outcomes
Large, durable wheels on pivoting casters	<ul style="list-style-type: none">Makes maneuvering the system throughout your facility easy

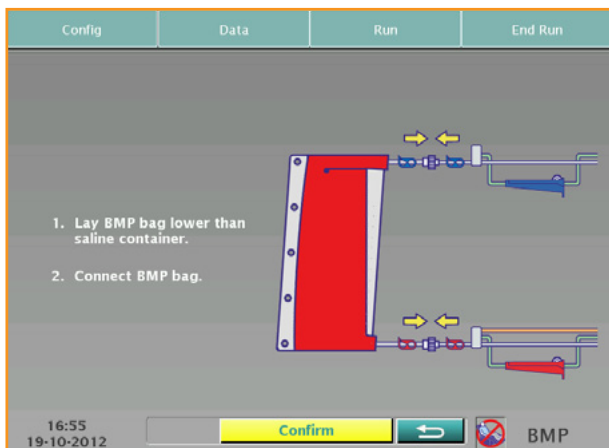
*Data on file

†Depending on local regulatory requirements



How it Works

The GUI guides you through each step of the procedure. The examples below demonstrate the ease of monitoring and controlling the settings throughout a procedure.



BMP CONNECTION SCREEN

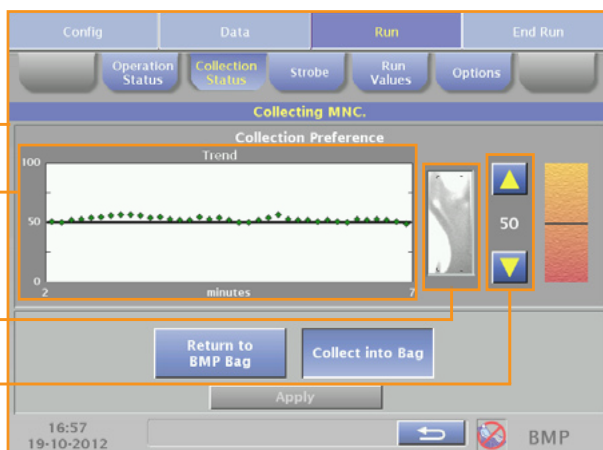
The system guides you through connecting the single BMP bag to the inlet and return line on the IDL set.

COLLECTION PREFERENCE SCREEN

Continuously compares how the system is collecting cells with the target collection preference

Displays an image of the collect port throughout your collection procedure

Gives you the ability to adjust your collection preference



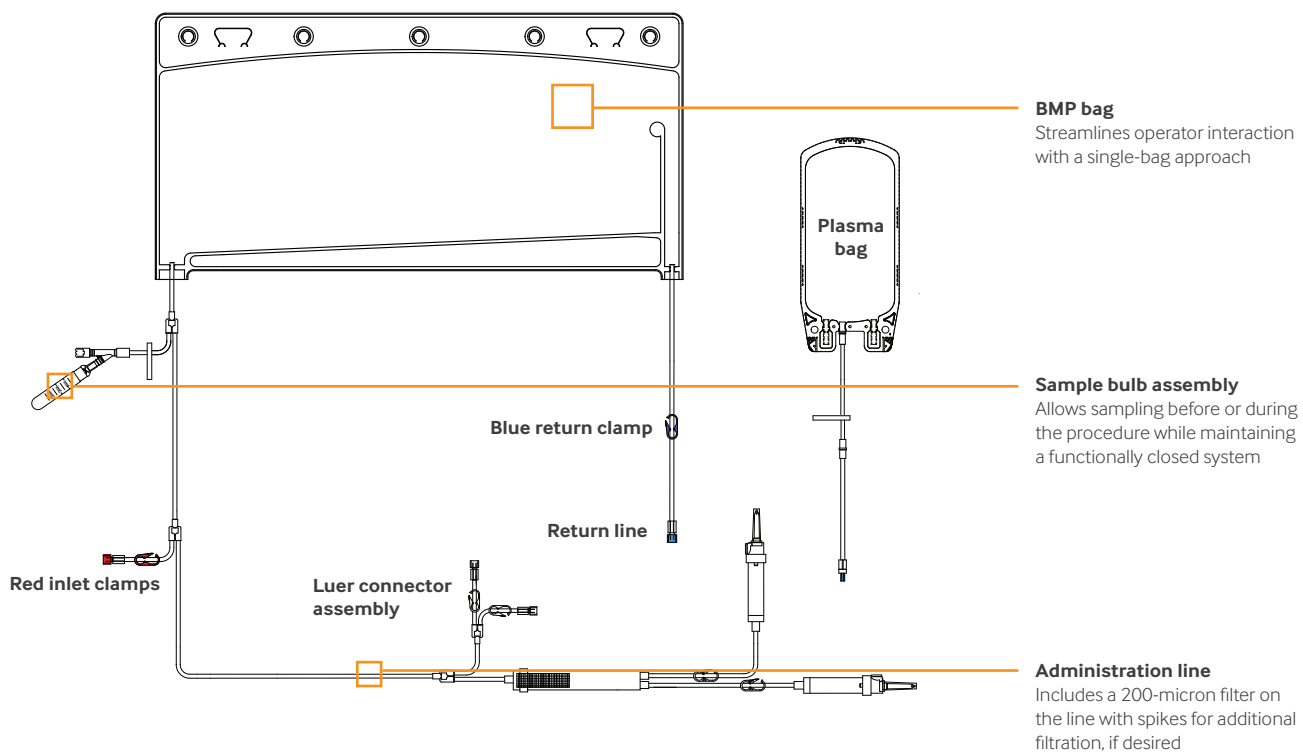
RUN TARGET SCREEN

Once your run targets are attained, the system sounds a tone and displays the target and current values. Yellow frames around a current value make it immediately apparent which run targets were attained.

	Target	Current
BM Processed (mL)	6000	6000
BM Cycles	4.0	4.0
Collection Bag (mL)	100	100
Plasma Bag (mL)	100	100

The 'Current' column values (6000, 4.0, 100, 100) are highlighted with yellow frames, indicating that all run targets have been attained. The screen also features a 'Rinseback' button and a 'BMP' indicator at the bottom. The time and date '16:59 19-10-2012' are displayed at the bottom left.

ACCESSORY SET



Compact packaging	Minimizes the space required for storage
Color-coded components	Simplify setup and operation
Functionally closed set	Helps prevent contamination

Must be used in conjunction with the IDL set.

Working with You

Each and every interaction we have with you is important. By fostering open and ongoing relationships, we bring more value to you and the patients we're all focused on serving.

Even after the technology is in place, we continue to serve you with:

- Education and training
- Technical support
- Clinical and scientific support
- Customer support
- Users groups and professional networks

Not for distribution in the U.S.

TERUMOBCT

Terumo BCT, Inc.

10811 West Collins Ave.
Lakewood, Colorado 80215-4440
USA

USA Phone: 1.877.339.4228
Phone: +1.303.231.4357
Fax: +1.303.542.5215

Terumo BCT Europe N.V.

Europe, Middle East and Africa
Ikaroslaan 41
1930 Zaventem
Belgium

Phone: +32.2.715.05.90
Fax: +32.2.721.07.70

Terumo BCT (Asia Pacific) Ltd.

Room 3903-3903A, 39/F
ACE Tower, Windsor House
311 Gloucester Road
Causeway Bay, Hong Kong

Phone: +852.2283.0700
Fax: +852.2576.1311

Terumo BCT Latin America S.A.

La Pampa 1517-12th Floor
C1428D2E
Buenos Aires
Argentina

Phone: +54.11.5530.5200
Fax: +54.11.5530.5201

Terumo BCT Japan, Inc.

Ebisu South One Bldg. 9F
1-7-8, Ebisu-minami, Shibuya-ku
Tokyo 150-0022
Japan

Phone: +81.3.6743.7890
Fax: +81.3.6743.9800