

TERUMOBCT
Unlocking the Potential of Blood



TSCD® II STERILE TUBING WELDER
NEXT-GENERATION TERUMO BCT STERILE TUBING WELDER



POTENTIAL

As a global leader in blood component, therapeutic apheresis and cellular technologies, we believe in the potential of blood to do even more for the world than it does today. This belief inspires our innovation and strengthens our collaboration with customers.

By helping you enhance patient care, we unlock the potential of blood to:

- Make even safer, higher-quality transfusions available to more people
- Advance blood therapies to help customers bring more treatment options to patients
- Develop cellular therapies that may fundamentally improve health care

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CONSISTENT, FAST AND EFFICIENT NETWORKED STERILE DOCKING

THE TSCD II WELDER HELPS YOU IMPROVE OPERATIONAL EFFICIENCY
AND BRING MORE VALUE TO THE HOSPITALS YOU SERVE



HELPING YOU **TAKE COMMAND OF DEMAND**

From donor management to collections and processing, the goal of blood centers is to meet customers' demand for blood components as efficiently as possible.

Blood centers work hard to meet demand. However, because demand can be volatile, they often do so at a high cost. Changes in demand can create a need for costly imports or leave an excess supply with no available export options.

Terumo BCT solutions and services work together to help enable blood centers to respond quickly and efficiently to changes in demand. This helps reduce costs and waste, while improving service to your customers and the patients they ultimately serve.



INCREASE THE FLEXIBILITY OF YOUR COLLECTIONS AND LAB

TSCD II WELDER

The TSCD II welder is user-friendly and ideal for sterile connecting transfer bags, as well as a wide range of other lab applications. Designed for quality, reliability and flexibility, the TSCD II welder creates closed-system PVC connections using any combination of wet and dry tubing.

Compact, lightweight and equipped with a pop-up handle, the TSCD II welder is highly portable.

Terumo BCT's sterile tubing welders have been used extensively in labs and blood centers around the world for more than two decades. Today, our devices are indispensable for creating quick and safe PVC tubing connections while maintaining a functionally closed system.

Applications include, but are not limited to:

- Component pooling
- Leukoreduction
- Pathogen reduction
- Collection set modification
- Making component aliquots
- Apheresis set modification
- Quality control sampling
- Cell washing and freezing



CONNECT PVC TUBING IN ANY
COMBINATION OF WET AND DRY





The TSCD II welder builds on the success of the TSCD® Sterile Tubing Welder, adding several key features.

NEW FEATURES INCLUDE:

- Wet-to-wet welds: the TSCD II welder is versatile
- Automatic wafer replacement: reduces the risk of jams
- Redesigned clamp: heavy-duty, interconnected clamp simplifies operation
- LCD display: communicates the status of the welding process, provides error alerts, reports when the wafer cassette is empty and the disposal box is full
- Detachable shelves: support the disposable set
- Larger disposal box: holds used wafers

CREATES STRONG, CONSISTENT WELDS

Quickly connects PVC tubing in any combination of wet and dry—including wet-to-wet—with strong, smooth welds. All Terumo BCT sterile tubing welders are subject to minimum tensile strength requirements.

GUIDES OPERATION

An easy-to-read backlit LCD screen clearly displays device status and guides operators through the welding process.

MAINTAINS A CLOSED SYSTEM

The TSCD II welder uses the same single-feed wafers as the TSCD welder. Terumo Corporation's patented wafers heat to 300 °C. This high temperature maintains sterility during cutting and welding but does not allow particulates or chemical residue to form in the tubing.

AUTOMATES WAFER FEED

Eliminates the need to manually replace wafers and reduces the risk of wafer jams. The information panel alerts operators when the wafer cassette is empty and the wafer disposal box is full.

MONITORS WAFER DISPOSAL BOX

Wafers are automatically discarded after a single use into a built-in disposal box to avoid cross-contamination. An integrated sensor reduces the risk of jams by alerting operators when the disposal box is full and disabling operation until the box is emptied. The wafer disposal box holds 300 used wafers.

SIMPLIFIES OPERATION

Durable materials stand up to intensive use while the interconnected clamp design enables fast, one-handed operation.

ENHANCES PORTABILITY

This lightweight device includes a built-in handle.



TAKE COMMAND OF DEMAND WITH THE TSCD® II WELDER
CONTACT YOUR TERUMO BCT REPRESENTATIVE TODAY