



TSCD®-II Sterile Tubing Welder + TOMEs Stations

**TERUMO**
BLOOD AND CELL
TECHNOLOGIES

Automated sterile tubing welder plus powerful software to strengthen processes and improve efficiencies



TSCD-II: Increase the productivity and flexibility of your lab operations

TSCD-II is a sterile tubing welder suitable for a wide range of lab applications. Designed for quality and flexibility, TSCD-II creates reliable, strong, consistent welds using PVC tubing in various combinations of wet and dry. TSCD-II can be used across your blood center to perform tasks including:

- Component pooling
- Leukoreduction
- Pathogen reduction
- Component aliquoting
- Quality control sampling
- Cell washing and freezing

TOMEs Stations: Enable bidirectional connectivity

TOMEs (Terumo Operational Medical Equipment Software) Stations is powerful software designed to help advance blood center and component lab operations. It enables bidirectional connectivity between TOMEs Stations-compatible devices and your blood establishment computer system (BECS), laboratory information management system (LIMS) or business intelligence system to solve some of your toughest operational challenges. TOMEs Stations paired with TSCD-II can help you:

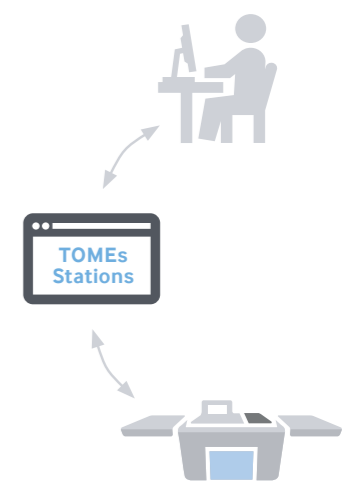
- Enforce standard operating procedures (SOPs) and support Good Manufacturing Practices (GMP)
- Increase operator efficiency, reduce mistakes and simplify training
- Enhance traceability with electronic data capture
- Transfer data automatically between your connected devices and your information management system (IMS)
- Improve data access and reporting

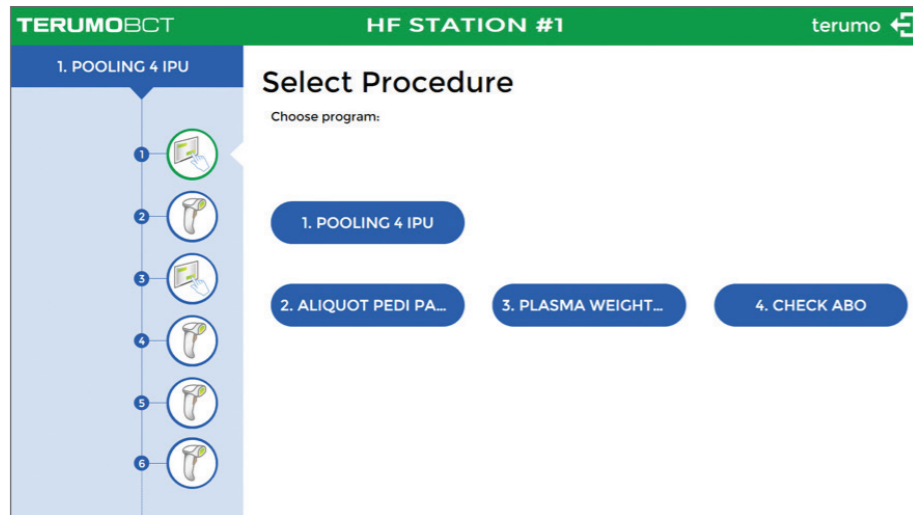
TSCD-II + TOMEs Stations: The Power of the Total System

Strengthen processes, improve efficiencies and support traceability when you connect TOMEs Stations to TSCD-II to manage manual processes in your blood center. Using TOMEs Stations, you can configure device settings, customize and enforce processes, and automate data capture — all from a single system. Here's how:

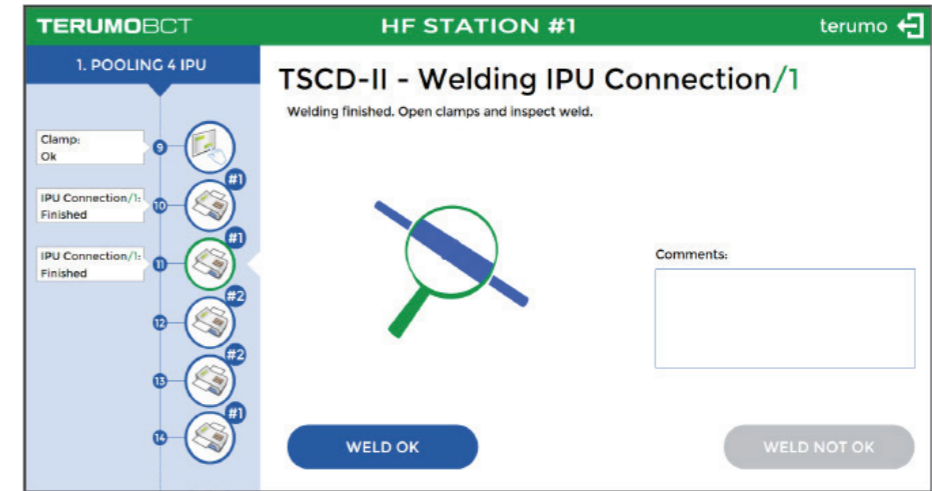
- Using TOMEs Stations, you customize and apply your SOPs, adding informational messages and instructional prompts as needed. Processes can be made enforceable by not allowing the operator to move forward in the process until the previous step is completed.
- TOMEs Stations uses a connected PC or tablet to display the process to operators, providing step-by-step guidance, including manual steps such as prompts to inspect welds or scan barcodes.
- When barcode data is scanned, TOMEs Stations confirms that data with your information management system or other TOMEs Stations-compatible devices and alerts you if there is a discrepancy.
- Session data from every connected device is recorded by TOMEs Stations, including scanned barcode data and data entered manually.
- Data gathered by TOMEs Stations is securely transferred to your information management system for review and reporting to prevent duplicate entries.

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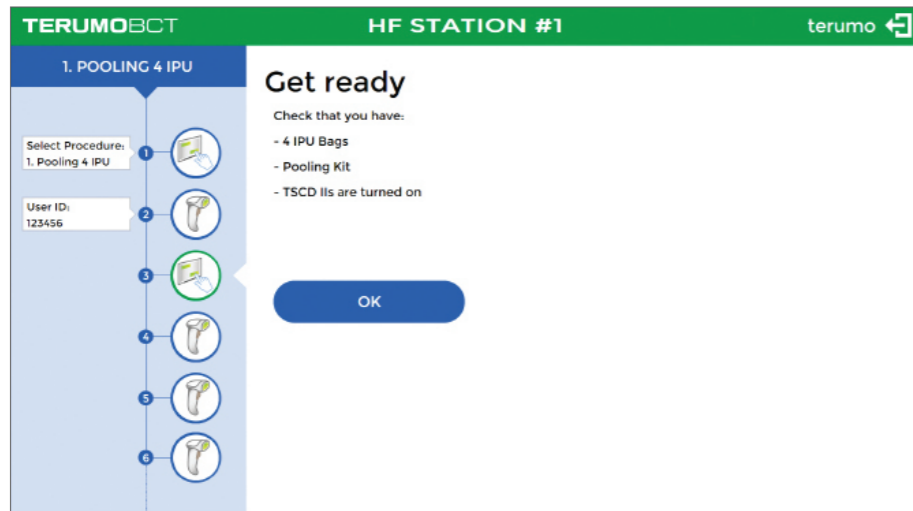




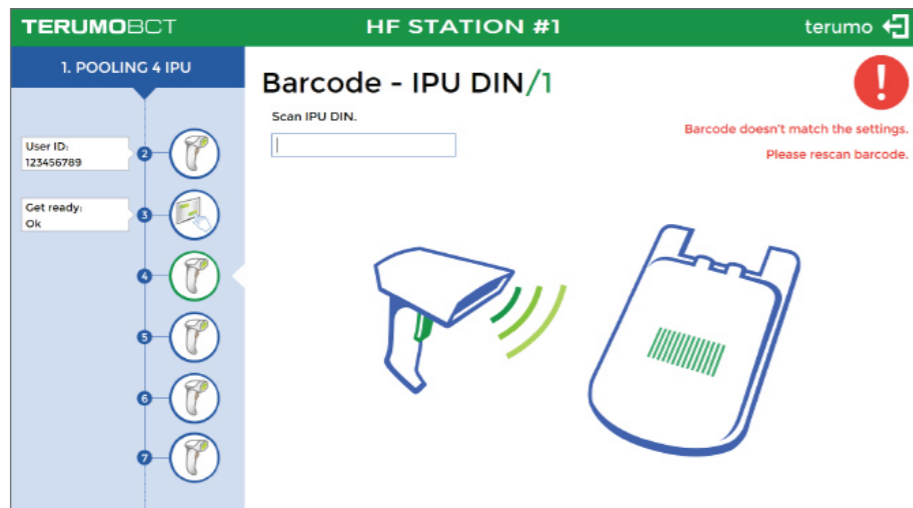
Customize procedures based on your specific SOPs



Add notes as needed for a complete record



Create informational messages and instructional prompts to guide operators through the process



Use barcodes to capture and verify data with your IMS

Strengthen processes, improve efficiencies and support traceability when you connect TOMEs Stations to TSCD-II.



TSCD-II Sterile Tubing Welder System Availability

Model number	3ME-SC203A*	
Availability	North America	

TSCD-II Sterile Tubing Welder System Specifications

Tubing material	Polyvinyl chloride (PVC)	
Tubing size	Blood-bag-type tubing	
	Outer diameter: 3.9 mm to 4.5 mm (0.12 in to 0.18 in)	Inner diameter: 2.9 mm to 3.1 mm (0.11 in to 0.12 in)
Wafer	TSCD wafer, product code SC*W017	
Power supply	100 V AC to 240 V AC ± 10%, 3A, 50 Hz to 60 Hz	
External dimensions width × height × depth	224 mm × 177 mm × 342 mm (8.81 in x 6.97 in x 13.46 in)	
Weight	Approximately 6.5 kg (14.33 lb)	

Operating Conditions: The welder should be allowed to equilibrate at these conditions before use.

Ambient temperature	10 °C to 40 °C (50 °F to 140 °F)	
Humidity	10% to 80% RH non-condensing	
Altitude	Up to 2,000 m maximum (6,562 feet)	

Storage Conditions

Ambient temperature	-10 °C to 50 °C (50 °F to 140 °F)	
Humidity	10% to 95% RH non-condensing	

*Terumo BCT, Inc. (USA) is the legal manufacturer. TSCD-II and TOMEs Stations are available in select markets. TSCD is a registered trademark of Terumo Corporation, Japan. Tubing must meet the specifications for the welder.



Capture the benefits of bidirectional connectivity with TSCD-II + TOMEs Stations. [Click here](#) to contact a Terumo Blood and Cell Technologies representative.



Terumo Blood and Cell Technologies is a medical device company. Our products, software and services enable customers to collect and prepare blood and cells to help treat challenging diseases and conditions. Our employees around the world believe in the potential of blood and cells to do even more for patients than they do today. [TERUMOBCT.COM](https://www.terumobct.com)

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