

Welders and Sealers

That Deliver
Reliable,
Sterile Results

SCD[®] IIB

Sterile Tubing Welder



Complete high-quality sterile welds in 30 seconds with this compact, portable device.

- Accommodates both PVC and C-Flex® tubing in these sizes:
 - PVC: Nominal OD 5.46 mm (0.215 in), wall thickness 0.84 mm (0.033 in)
 - C-Flex®: Nominal OD 6.35 mm (0.25 in), nominal ID 3.18 mm (0.125 in)
- Requires minimal technical training
- Simple and portable for smooth implementation into existing processes

OD: outer diameter; ID: inner diameter; PVC: polyvinyl chloride.



Connect PVC tubing in any combination of wet and dry to maintain a functionally closed system.

- Enables increased production with an automated 14-second weld cycle
- Goes where you need it with a lightweight, portable design and removable support shelves
- Guides the user and displays progress on the screen
- Creates welds that meet or exceed tensile strength requirements



TSCD[®]-Q

Sterile Tubing Welder



Use the welder customized for the Quantum Flex® Cell Expansion System.

- Creates strong, sterile connections with polyurethane tubing
- Delivers all the attributes of TSCD-II: portability, automation, and speed
- Maintains a functionally closed system for your cells



Weld Integrity Test Kit



Simplify the process of satisfying quality assurance and Good Manufacturing Practices (GMP) requirements.

- Perform test welds on-site without shipping your welder
- Return your test welds to us to evaluate alignment, leakage, and tensile strength
- For use with the SCD IIB and TSCD-II welders



T-SEAL[®] III

Tube Sealing Device



Increase efficiency with high-quality, reliable seals in three seconds or less.


- Reduces the risk of leaks or contamination with sterile seals
- Guides operators with LED indicators
- Compact and lightweight for easy portability



T-SEAL[®]

Mobile



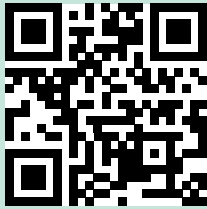


Take this compact device
wherever you need to —
it slips easily into a lab
coat pocket.

- Adjusts automatically to the tubing material and diameter
- Delivers approximately 1,500 seals per charge so you stay productive
- Charges completely in about three hours



High-quality sterile tubing connections are critical to maintaining closed systems and reducing failure rates. Safeguard your process with fast, reliable, cost-effective sterile tubing welders and sealers.



Which do you need?

Answer 3 questions at terumobct.com/sealers-welders

*SCD IIB: Use PVC tubing with a nominal outer diameter (OD) of 5.46 mm (0.215 in) and a wall thickness of 0.84 mm (0.033 in) or C-Flex tubing with a nominal OD of 6.35 mm (0.25 in) and a nominal inner diameter of 3.18 mm (0.125 in). Warning: The tubing sizes and types listed have been tested by Terumo Blood and Cell Technologies for weld strength and sterility; however, some users have had successful results using other types of thermoplastic tubing. PVC and C-Flex tubing are acceptable forms of tubing for use with this product. If you choose to use tubing other than that specified, it is your responsibility to test for weld strength and sterility according to the standards appropriate for the desired application. Use of non-specified tubing could cause a low-strength, nonsterile weld.

RH: relative humidity.

Product availability varies by country.

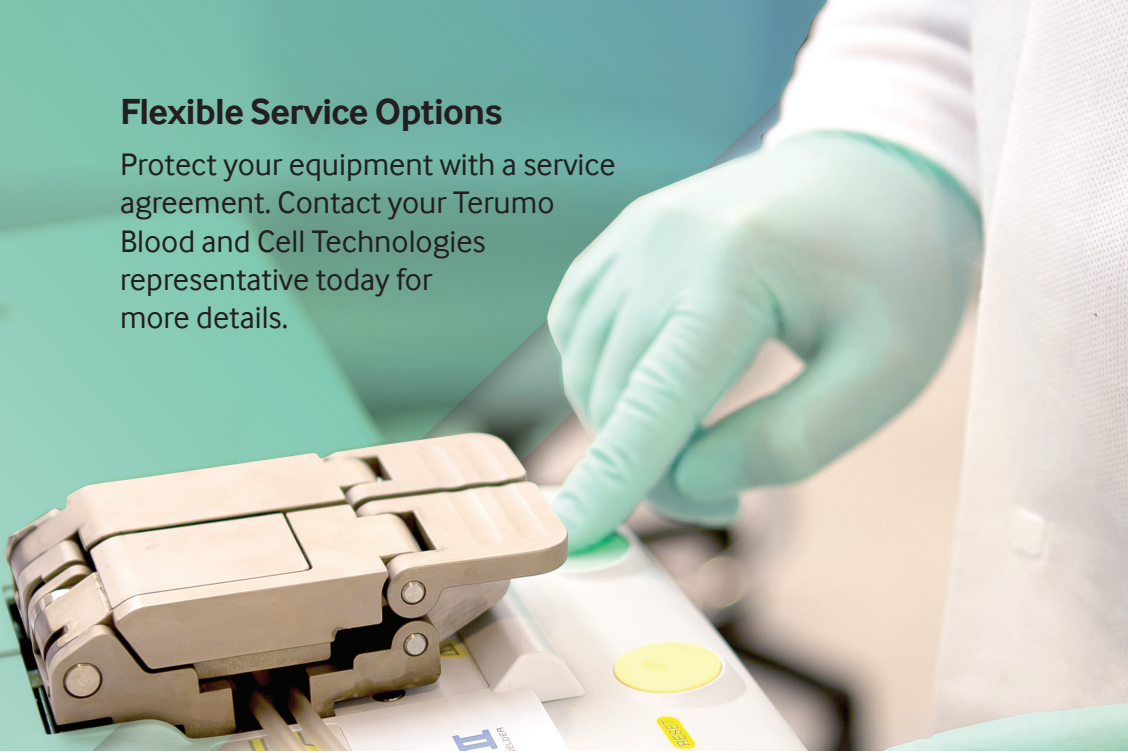
T-SEAL III and T-SEAL Mobile are manufactured by Conroy Medical AB, Valhallavaegen 1, S-194 63 Upplands Vaesby, Sweden.

		SCD IIB
Typical users		Biotech
External dimensions: w × h × d		241 × 191 × 241 mm (9.5 × 7.5 × 9.5 in)
Weight		6.4 kg (14 lb)
Weld cycle/ sealing time		Approximately 30 s
Weld temperature		260 °C (500 °F)
Tubing type		<ul style="list-style-type: none"> ■ PVC (polyvinyl chloride) ■ C-Flex®
Nominal tubing size OD: outer diameter ID: inner diameter		<p>PVC*</p> <p>OD: 5.46 mm (0.215 in) Wall thickness: 0.84 mm (0.033 in)</p> <p>C-Flex*</p> <p>OD: 6.35 mm (0.25 in) ID: 3.18 mm (0.125 in)</p>
Power supply		100/120/230/240 V AC 1.5/0.8 A, 50/60 Hz
Sealing/welding capacity		Wet-to-dry Dry-to-dry
Operating conditions		<p>Temperature: 10 °C to 38 °C (50 °F to 100 °F)</p> <p>Humidity: 10% to 80%</p>
Catalog number		SCD IIB: 3NCC986 SCD Wafer: 3NCC987

Welders		Sealers	
TSCD-II	TSCD-Q	T-SEAL III	T-SEAL MOBILE
Blood centers/biotech	Biotech	Blood centers/biotech	Blood centers/biotech
224 × 177 × 342 mm (9.0 × 7.0 × 13.5 in)	224 × 177 × 342 mm (9.0 × 7.0 × 13.5 in)	70 × 156 × 338 mm (2.76 × 6.14 × 13.31 in)	Battery unit: 165 × 106 × 32 mm (6.50 × 4.17 × 1.26 in)
Approximately 6.5 kg (14 lb)	Approximately 6.5 kg (14 lb)	2.8 kg (6.2 lb)	Battery unit: 0.68 kg (1.5 lb) Handheld unit: 0.39 kg (0.86 lb)
Approximately 14 s	Approximately 14 s	From 0.5 to 3 s depending on tubing	From 0.4 to 10 s depending on tubing
300 °C (572 °F)	300 °C (572 °F)	Not applicable	Not applicable
■ PVC	■ Polyurethane (Pellethane® 2363-80AE)	■ PVC ■ EVA (ethyl vinyl acetate)	■ PVC ■ EVA
PVC OD: 3.9 to 4.5 mm (0.15 to 0.18 in)	Polyurethane OD: 4.75 mm (0.187 in) Wall thickness: 0.787 mm (0.031 in)	PVC OD: Up to 6.2 mm (0.24 in) EVA OD: Up to 4.15 mm (0.16 in)	PVC OD: Up to 6.2 mm (0.24 in) EVA OD: Up to 4.15 mm (0.16 in)
100 to 240 V AC, 3 A, 50 to 60 Hz	100 to 240 V AC, 3 A, 50 to 60 Hz	100 to 240 V AC, 50 to 60 Hz	Battery: 28.8 V DC, 2.4 A·h
Wet-to-dry Wet-to-wet Dry-to-dry	Wet-to-dry Wet-to-wet Dry-to-dry	Dry tubing and fluid-filled tubing	Dry tubing and fluid-filled tubing
Ambient temperature: 10 °C to 40 °C (50 °F to 104 °F)	Ambient temperature: 10 °C to 40 °C (50 °F to 104 °F)	Temperature: 5 °C to 35 °C (41 °F to 95 °F)	Temperature: 15 °C to 35 °C (60 °F to 95 °F)
Humidity: 10% to 80% RH noncondensing	Humidity: 10% to 80% RH noncondensing	Humidity: 10% to 90% RH noncondensing	Humidity: 10% to 90% RH noncondensing
Japan: ME-SC203A Europe, Middle East and Africa: ME-SC203AH North America: 3ME-SC203A Asia Pacific and Latin America: ME*SC203A China: ME*SC203AC TSCD Wafer: 1SCW017	TSCD-Q: 92003 TSCD Wafer: 1SCW017	T3828	T5460

Flexible Service Options

Protect your equipment with a service agreement. Contact your Terumo Blood and Cell Technologies representative today for more details.



Overview of Service Agreements

	Platinum	Gold	No Contract
Preventive maintenance (PM)	1 per year	Includes 1 PM or 1 repair per year	Standard fee
Repair	Unlimited		Standard fee
Additional intervention	Unlimited	Reduced standard fee	Standard fee
Replacement device	Included	Rental fee	Rental fee

Terumo Blood and Cell Technologies is a medical technology 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.

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