TERUMOBCT
Unlocking the Potential of Blood

XS1010 TUBE SEALER

ROBUST PERFORMANCE FOR RELIABLE, QUALITY SEALS

This is the workhorse among Terumo BCT's tube sealers. It is designed to meet all IEC 61010-1 safety standards. It produces a hermetic seal through radio frequency (RF) waves, minimizing contamination and hemolysis of blood and blood components.

1. **Tube Sealer Electrode**
   - Easily accessible for cleaning and disinfecting
2. **Splash Guard**
   - Protects the phlebotomist
3. **Indicator Lights**
   - Cover open (yellow), Power (green), Ready (green), Seal (red)
   - Membrane light-emitting diodes (LEDs)

XS1010 TUBE SEALER

Features

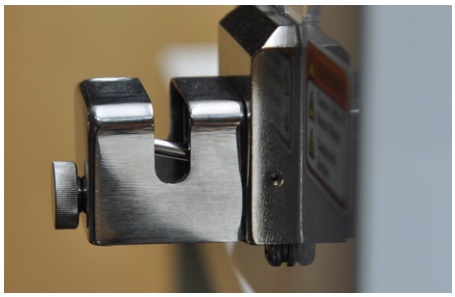
- RF sealing: high-power RF waves are generated by an oscillator for reliable, quality seals; there is little risk of hemolysis, as RF waves heat only the tubes, not the liquid inside
- RF signal is applied only after the tube is fully squeezed
- Tube segments are easily separated after sealing
- Shape of the electrode is designed to create consistent, reliable seals
- Reduces risk of contamination with a hermetic seal
- Switch mode power supply (SMPS) surge protector ensures consistent performance and quality seals even with input voltage fluctuations

Safety and standards

- High quality: made of CE- and UL-marked components
- Performance-tested for over 2 million continuous seals
- Designed to meet IEC 61010-1 international safety requirements

Specifications

Power supply input frequency	100 V AC to 240 V AC 50 Hz/60 Hz
Safety standard	IEC 61010-1:2010
Classification	Protection against electric shock
Operation mode	Once it is turned on, the device is ready to use
RF output power (effective)	20 W
Indicator lights	Cover open (yellow), Power (green), Ready (green), Seal (red)
Tube detection	Automatic
RF output frequency	40.68 Mhz
Tube specification	Polyvinyl chloride (PVC) tubing up to 6 mm (outer diameter)
Sealing time	1 to 3 seconds, adjustable
Dimensions (w × d × h)	155 mm × 330 mm × 160 mm
Weight	5.25 kg
Power consumption	Operating: 185 W Standby: 20 W
Fuse	250 V, 3.15 A, type T, slow blow
International compliance	Low Voltage Directive (CE mark), China RoHS, European Restriction of Hazardous Substances RoHS
Manufacturing standard	ISO 9001:2008, EN ISO 13485:2012



Tube sealer electrode

Indicator lights and splash guard

Manufactured by Terumo Penpol Pvt Ltd, India
XS1010 Tube Sealer is not approved for sale in the U.S. It is available in select markets.

TERUMOBCT

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

UNLOCKING THE POTENTIAL OF BLOOD | TERUMOBCT.COM

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.
89 Science Park Drive
#04-25 (Lobby B)
The Rutherford
Singapore 118261
Phone: +65.6715.3778
Fax: +65.6774.1419

Terumo BCT Latin America S.A.
La Pampa 1517–12th Floor
C1428DZE
Buenos Aires
Argentina
Phone: +54.11.5530.5200
Fax: +54.11.5530.5201

Terumo BCT Japan, Inc.
Takanawa Park Tower 13F
20-14, 3-chome, Higashi Gotanda,
Shinagawa-ku, Tokyo 141-0022
Japan
Phone: +81.3.6743.7890
Fax: +81.3.6743.9800

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