

ZipThaw™ 202 & ZipSleeve™

ZipFast.
ZipPrecise.
ZipThaw.



ZipThaw's unique dry technology, second-by-second accuracy and quick thawing unlocks your ability to zip plasma to patients in need.

Safe

Disposable ZipSleeve triple redundancy fail-safes reduce or eliminate cross-contamination.

Control

Control chain-of-custody with the integrated barcode scanner.

Vital

Proven to preserve coagulation rates.

Fast

Rapidly thaw FFP from -30°C to 33°C.

Portable

Dry, light weight and never needs recalibration.

Warranty

Full replacement 3 year warranty.

ZipThaw is a dry thawing medical device that lets you quickly, evenly and precisely thaw fresh frozen plasma.

Slide an FFP specimen bag in the disposable ZipSleeve, wave at the integrated barcode scanner, insert into a ZipThaw chamber, press a button. Observe the screen to see the rapid thawing curve in process.

- ▶ Accelerate your workflow: Each chamber works independently so you can continuously thaw specimens.
- ▶ Know specimen viability: A precise temperature display with alarm that alerts shut off.
- ▶ Optimize data: Each thaw is tracked on a hard drive with data you can export later.
- ▶ Manage the curve: ZipThaw lets you set, pause and continue each thaw.

Proven Preservation of Coagulation Factors

- ▶ Controlled study conducted in 2019 at San Diego Blood Bank and UCSD School of Medicine clinical lab.
- ▶ 100% concordance between ZipThaw and leading plasma thawing methods.



ZipSleeve is a disposable protective layer with patented sensors. It works with ZipThaw to continuously monitor and report your specimen's temperature, not its surroundings. It is a multi-use disposable that tracks its use status and can't be reused past expiration.

Specifications

Thawing Technology: Electrical power, disposable sensor bag

Typical Thawed Bag Capacity: Single or Dual Bags

Cushions Heating Temperature:

- Idle (Standby): 33°C
- Thawing: 36.5°C

ZipSleeve Sensors Cutoff Temperature: 33°C

Agitation Method: Electronic control mechanical massage

Agitation Parameters: Cycle: 1.7 c/sec. Amplitude: ±32mm

Visual Display/User Interface: 7" touch screen w/ graphical user interface

System: Main CPU: VAR-SOM-SOLO/Dual: Freescale i.MX6

- High performance 1.0 GHz Single and Dual Core Cortex-A9™
- 1GB DDR3, 1GB SLC NAND and 64GB eMMC
- Full HD 1080p video encoding/decoding capability
- Vivante GPU providing 2D/3D acceleration

Storage humidity (non-condensing): 30% - 90% non-condensing

Interface & Network: USB

- USB 2.0 OTG
- USB 2.0 Host

Memory Bank: Internal for 2,000 thawing records

Internal Power Supplies: Medical grade, isolating power-supply

- Input: 100-240Vac, maximum rated current 2.5A
- Outputs: 2 X 24VDC, 12.5A maximum current

Electrical Rating (V/Hz/A): 100-240Vac, 50/60Hz 2.5Amp

Size: [W x D x H]: cm: 47.1 x 27.6 x 41.6 (including the top handle),
inch: 18.5 x 10.9 x 16.4 (including the top handle)

Weight: 24.2lb/11Kg

Portable: Yes

Environmental Requirements:

- Ambient Operating Temp: 10°C to 32°C (50°F to 86°F)
- Ambient Humidity: 20% to 70% non-condensing
- Storage Temperature (in original packaging): -20°C to 70°C
-4°F to 158°F)