



# Febris™

## Thawed Biological Materials on Demand

Febris™ enables rapid, easy and safe thawing and heating of human plasma-based fibrin sealant and other frozen biological materials. A compact self-contained device, Febris™ allows on-demand thawing of frozen biomaterials used during surgery.

Febris™ is based on Goji's adaptive volumetric energy-delivery technology, which uses an advanced sensing algorithm to control energy transfer using electromagnetic waves. Leveraging this cutting-edge technology, Febris™ can thaw and heat biological materials in a fraction of the time required by conventional heating methods such as water baths. While a standard water bath outside the sterile field will thaw a 10ml fibrin sealant unit in up to 60 minutes, Febris™ can do so within

just one minute. And fibrin sealant units thawed by Febris™ demonstrate equivalent clotting times to units thawed in water baths.

Febris™ is safe and simple to operate, and does not involve tedious maintenance procedures required for draining and cleaning conventional thawing chambers.

Capable of accommodating various biomaterial unit sizes, Febris™ is a scalable device that can also be configured to support the thawing and heating of additional frozen biomaterials.

### Febris™ Highlights

- Ease of use
- On-demand thawing/heating – from -20°C to 37°C in under 60 seconds
- Versatile accommodation of various fibrin sealant unit configurations and sizes
- Easy configuration for additional biomaterials
- Dated log of thawed units for inventory tracking





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#### Specifications & Features

Thawing and heating time	60 seconds for 10ml
Biomaterial unit size	Up to 30ml
Thawing and heating range	-80°C to 37°C / -112°F to 98.6°F
Power supply	220V/110V
AC power consumption	1500W while thawing 70W while idle
Key features	<ul style="list-style-type: none"><li>• Preconfigured insert tray for each biomaterial product</li><li>• Thawed material ID tracking</li><li>• Dated log of thawed biomaterial units</li><li>• Authentication by QR code</li><li>• Remaining thawing/heating cycle time display</li><li>• Wi-Fi connectivity for inventory tracking</li><li>• Software updating enabling support of new biomaterials</li></ul>

#### About Goji

Goji provides revolutionary energy-delivery solutions based on its proprietary platform technology. This novel feedback-controlled technology enables adaptive volumetric energy delivery into matter, significantly reducing the energy and time used in heating, drying and sensing processes. Using its patented sensing algorithm that tightly controls the transmission of electromagnetic waves, Goji's energy-efficient

technology is integrated in diverse applications across multiple industries. Leveraging its experienced multidisciplinary team and valued-added collaboration with strategic partners, Goji is a global company with customers doing business on every major continent. Goji is changing the paradigm of energy delivery to improve products and processes that impact people's daily lives.

#### Contact Goji

6 Hacharash St., Tower D, 6th Floor, Hod Hasharon, 4524079 Israel  
Tel: +972-9-767-9687 | Fax: +972-9-767-9710  
info@gojisolutions.com | www.gojisolutions.com