

It takes trust to advance.

Valleylab™ FT10 energy platform, software version 4.0-x

For over 50 years, the Valleylab™ portfolio has shown an unwavering commitment to positive patient outcomes through trusted energy delivery, establishing pathways for future innovation in the surgical energy space.

Our latest proprietary electronics and algorithms allow the Valleylab™ FT10 energy platform to deliver the highest power consistency.^{1,2,†,‡}



[†]In-vivo porcine testing model used to statistically evaluate activation time, hemostasis, and thermal spread. Bench burst on fresh porcine renal arteries used to statistically evaluate burst pressures.

[‡]Compared to the Force Triad™ energy platform.

Trust in performance.

Deploy smart TissueFect™ sensing technology across all energy modalities with the Valleylab™ FT10 energy platform.³

The Valleylab™ FT10 energy platform delivers precise and consistent tissue effects with LigaSure™ and electrosurgical devices.³ TissueFect™ sensing technology adjusts energy output in real time by actively monitoring tissue impedance changes and delivering the appropriate amount of energy for the desired tissue effect.³

Performance improvements

LigaSure™ technology is improved with:

- Up to **50% faster** sealing times^{4,†,‡}
- **Lower** jaw temperatures^{5,‡,§}

Electrosurgical performance is more precise:

- Autobipolar has a **faster** activation time^{6,‡,Ω}
- Monopolar performance is **improved**^{7,‡}
- Bipolar resection performance is **improved**^{7,‡,††}

Ordering information

Order code	Description
VLFT10GEN	Valleylab™ FT10 Energy Platform
VLFTCRT	Valleylab™ FT10 Cart

For footswitches and other accessories, consult a Medtronic sales representative for ordering information.

†Bench testing model used to evaluate burst pressure of renal arteries. May not be indicative of clinical performance. Using LigaSure™ devices LF1212A, LF1637, LF4318, and LS1037.

‡As compared with the ForceTriad™ energy platform.

§Testing performed using porcine model to find average jaw temperature. Tissue types included small bowel mesentery using LigaSure™ devices LF1212A, LF1637, LF4318, and LS1037.

ΩEx-vivo testing model used to evaluate average additional activation delay time compared between the ForceTriad™ and the Valleylab™ FT10. There is a statistically significant difference between the two generators ($p = 0.033$) with the Valleylab™ FT10 having lower activation time delays than the ForceTriad™.

††31 of 32 surgeons agreed.

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References

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2. Based on internal report #R0064457 rev A, Verification report LigaSure™ renal bench burst pressure evaluation of the Valleylab™ FT10. May 3, 2015.
3. Based on internal memo #RE00256209 rev A, Valleylab™ FT10 memo control system resolution in VLFT10GEN. March 2020.
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5. Based on internal report #R0064462 rev B, LigaSure™ thermal profile Valleylab™ FT10. June 2016.
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7. Based on internal report #RE00005401 rev A, Product validation of Valleylab™ FT10 surgeon & nurse evaluation in simulated use. January-February 2015.