

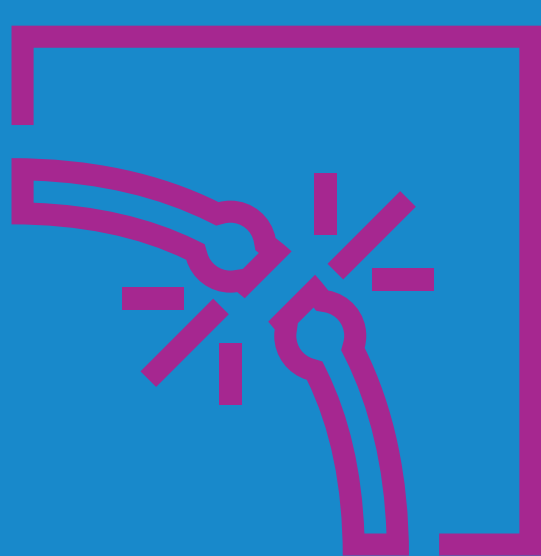
# STRONGER. FASTER. COOLER.

The nano-coated LigaSure™ Maryland jaw device outperforms the Harmonic™\* HD 1000i device



LigaSure™  
Maryland  
jaw device

## STRONGER AND FASTER<sup>1</sup>



### Seal Failure Rate<sup>1</sup>

**0**  
Failures<sup>1,†</sup>

LigaSure™  
Maryland jaw

**8**  
Failures<sup>1,‡</sup>

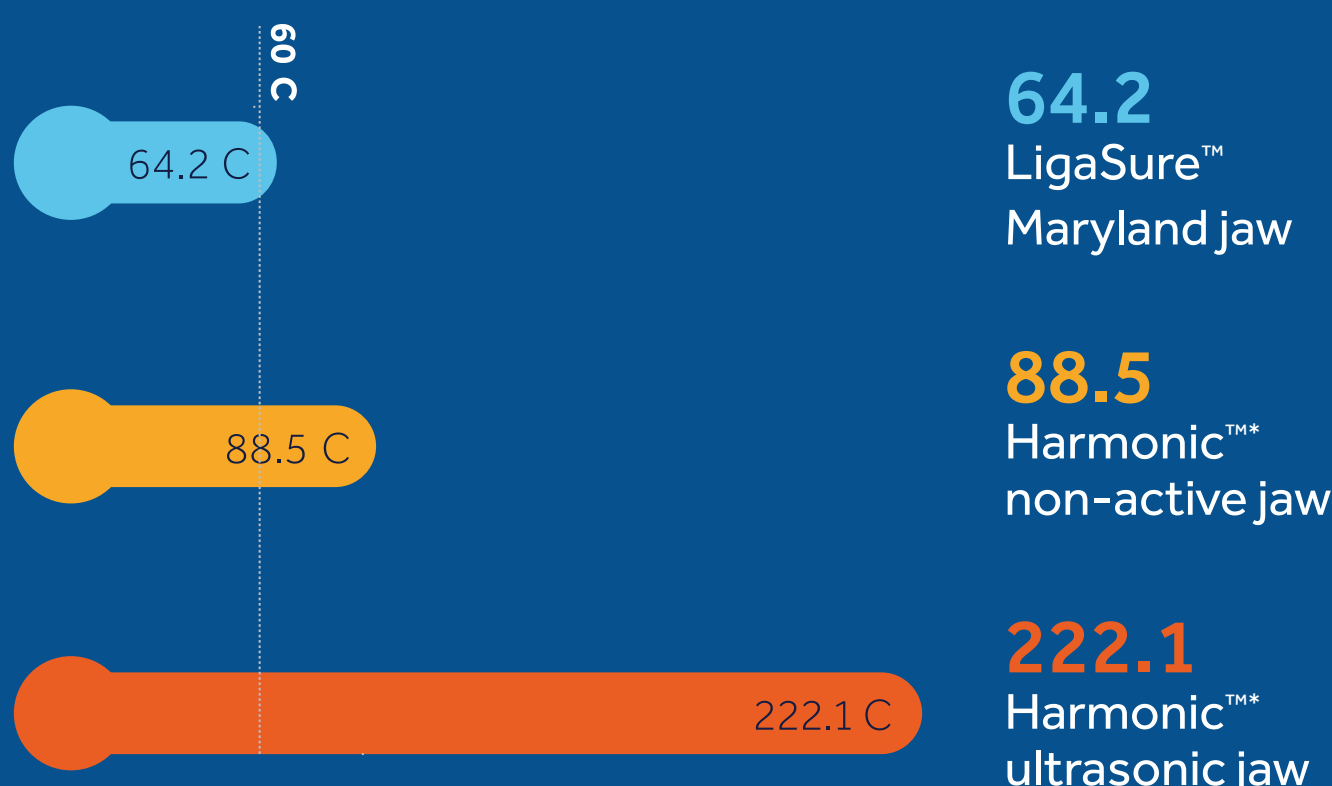
Harmonic™\*  
HD 1000i

### Seal Time Across Different Tissue Types<sup>1</sup>

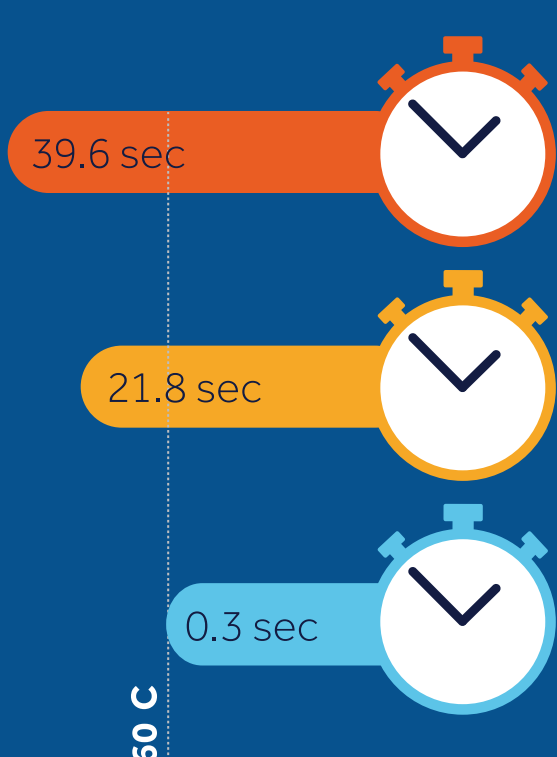


## FASTER AND COOLER<sup>2,§</sup>

### Max jaw temperature<sup>2</sup>



### Cooldown time to 60 C<sup>2</sup>



### Mean activation time<sup>2</sup>



## TRY IT IN YOUR NEXT PROCEDURE

Contact your local Medtronic sales representative today or visit [medtronic.com/covidien](http://medtronic.com/covidien)

<sup>†</sup> Out of 115 activations.  
<sup>‡</sup> Out of 116 activations.  
<sup>§</sup> HD1000i utilized with Advanced Hemostasis mode  
<sup>1</sup> Based on internal test report #R0032362 Rev A, Comparison of Ethicon Harmonic™ HD1000i shears versus nano-coated LigaSure™ Maryland jaw device on the Valleylab™ FT10 energy platform in an acute porcine study, May 8–9, 2017.  
<sup>2</sup> Based on internal test report #R0032385 Rev A, Thermal profile comparison of Ethicon Harmonic™ HD1000i shears versus nano-coated LigaSure™ Maryland jaw device on the Valleylab™ FT10 energy platform, May 17–18, 2017, and June 14, 2017.

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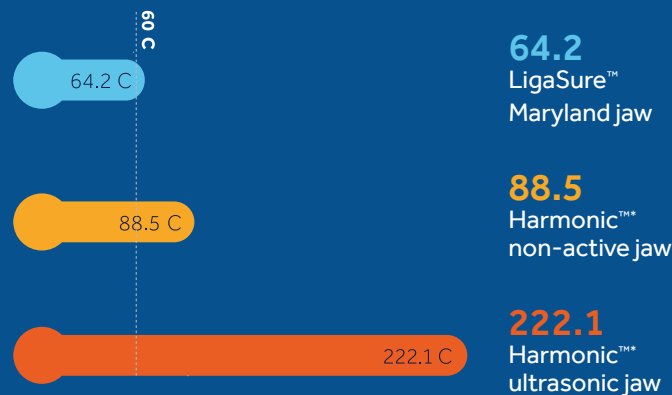
The nano-coated LigaSure™ Maryland jaw device outperforms the Harmonic™ HD 1000i device



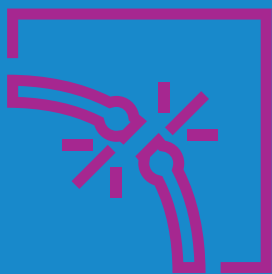
LigaSure™  
Maryland  
jaw device

## FASTER AND COOLER<sup>2§</sup>

### Max jaw temperature<sup>2</sup>



## STRONGER AND FASTER<sup>1</sup>



### Seal Failure Rate<sup>1</sup>

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LigaSure™  
Maryland jaw

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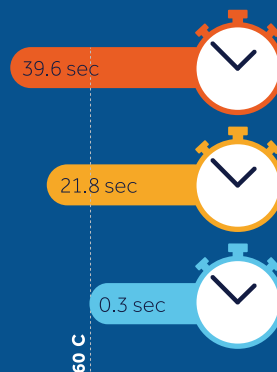
Failures<sup>1,‡</sup>

Harmonic™  
HD 1000i

### Seal Time Across Different Tissue Types<sup>1</sup>



### Cooldown time to 60 C<sup>2</sup>



### Mean activation time<sup>2</sup>



LigaSure™  
Maryland  
jaw device

3.4  
seconds<sup>2</sup>

Harmonic™  
HD 1000i  
device

12.7  
seconds<sup>2</sup>

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