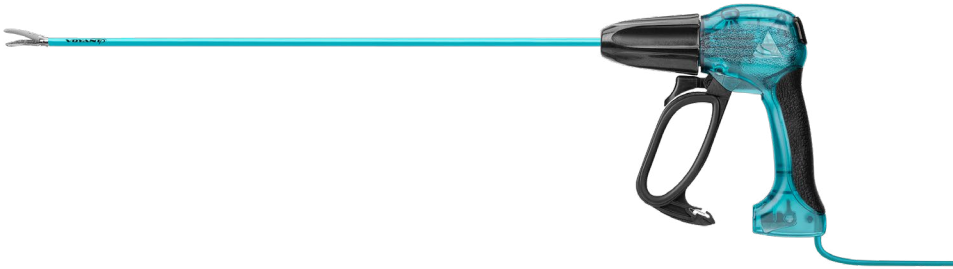
VOYANT™

INTELLIGENT ENERGY SYSTEM



Applied Medical

The Next Step ***Forward*** in Vessel Sealing.

Voyant
Intelligent Energy System

The Voyant advanced bipolar system collects information about the nature of the tissue within its jaws, rapidly and constantly measures tissue as the energy is applied, and adjusts to provide the optimal amount of energy throughout the seal cycle to create a permanent, fused seal.

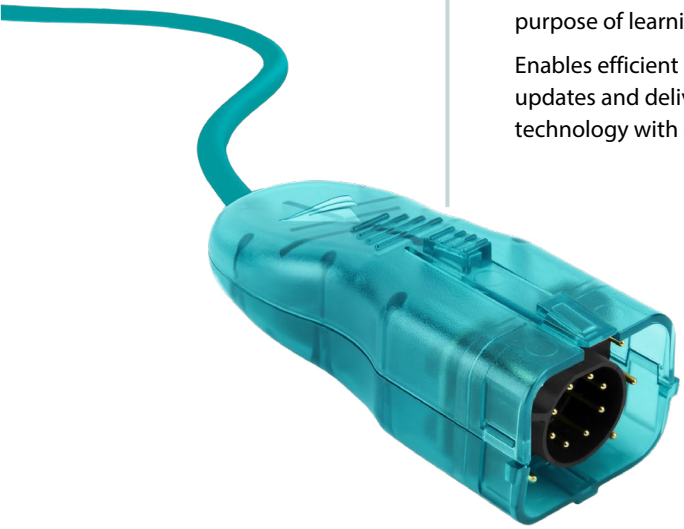
Sold in over **65 countries**
Shipped over **1,000,000 units**
Shipped to over **4,200 facilities**

Device Key with Embedded Intelligence

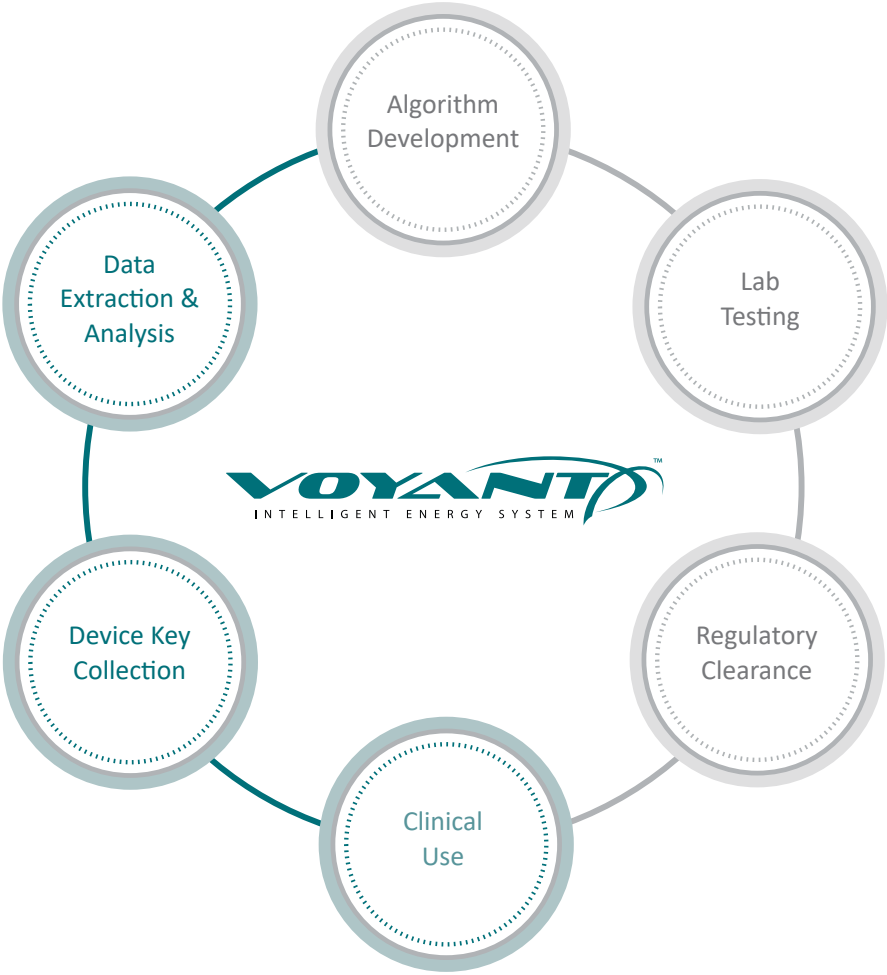
Optimizes energy delivery for procedural needs.

Collects and stores activation data for the purpose of learning from live human tissue.

Enables efficient implementation of algorithm updates and delivery of the most advanced technology with each handpiece.



Voyant
System Development Cycle



Voyant
System Development Cycle

Differentiation Through Clinical Learning

Intelligence is defined as the ability to learn. Unlike other devices that rely on lab data for vessel-sealing algorithm development, the Voyant Intelligent Energy system has the ability to accelerate learning from clinical use on live human tissue. Through gaining an understanding of product use, Applied Medical continues to advance the Voyant technology to better meet specific clinical needs.

Intelligence Gathering

The Voyant device key connected to each handpiece stores activation data from each vessel or tissue bundle sealed throughout the procedure. By partnering with hospitals and surgeons to collect device keys, Applied Medical scientists and engineers are able to analyze the data to further optimize energy delivery.

Benefits of Voyant Intelligence

The Voyant system's continual energy optimization means Applied Medical can make each activation more efficient, resulting in superior hemostasis,* faster seal times,* minimal lateral thermal spread,† and less tissue adherence.* The benefits of the Voyant system's efficient sealing can be easily recognized through seal cycles that are less than one second. In addition, continual energy optimization means the technology has the potential to address energy delivery for even the most challenging tissue types.

* Based on an internal test report from April 2020, comparing the current algorithm to the previous algorithm and internal test reports from February and March 2021 benchtop testing.

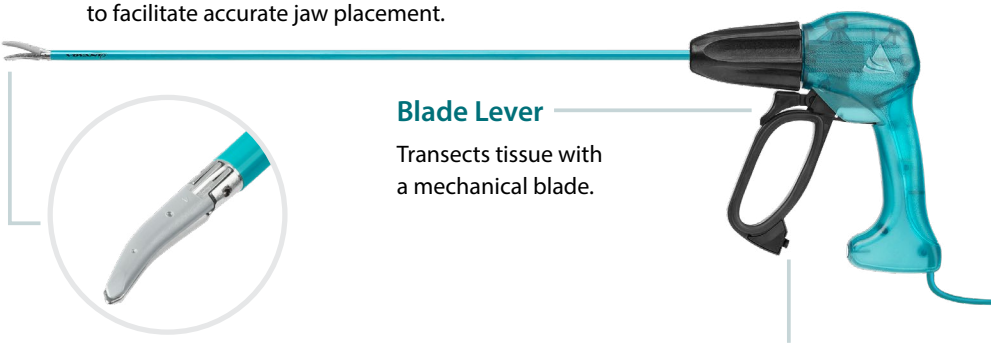
† Based on a third-party H&E histological analysis performed in April 2020.

Voyant

Maryland Fusion Device with Single-Step Activation

Unrestricted Shaft Rotation

Allows for continuous, 360-degree rotation to facilitate accurate jaw placement.



Blade Lever

Transects tissue with a mechanical blade.

Single-Action, Curved, Tapered Jaw with Dissecting Tips

Aids in tracking the contour of anatomical structures, visualizing the tips of the jaw, and optimizing control during tissue dissection.

Spring-Loaded Handle Lever with Inset Fuse Activation Button

Increases user efficiency by reducing the steps required for energy activation.

Opens automatically when released.

Voyant Maryland Fusion Device with Single-Step Activation

Model	Modality	Maximum Vessel Diameter	Shaft Length	Jaw Style	Handle Style	Trocar Compatibility	Seal Length	Cut Length	Jaw Shape	Shaft Rotation
EB212	Advanced bipolar	7mm	37cm	Single action	Single-step activation	5mm or larger	20mm	18mm	Curved, with dissecting tips	360°
EB213	Advanced bipolar	7mm	44cm	Single action	Single-step activation	5mm or larger	20mm	18mm	Curved, with dissecting tips	360°
EB214	Advanced bipolar	7mm	23cm	Single action	Single-step activation	5mm or larger	20mm	18mm	Curved, with dissecting tips	360°

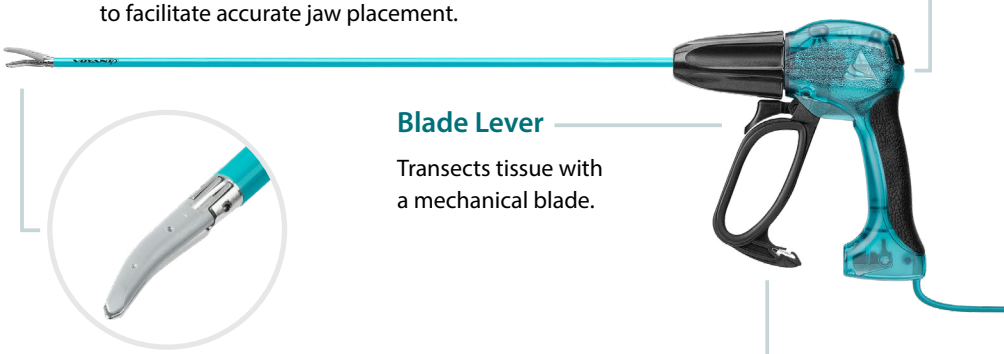
Voyant
Maryland Fusion Device

Unrestricted Shaft Rotation

Allows for continuous, 360-degree rotation to facilitate accurate jaw placement.

Fuse Activation Button

Activates energy delivery.



Blade Lever

Transects tissue with a mechanical blade.

Single-Action, Curved, Tapered Jaw with Dissecting Tips

Aids in tracking the contour of anatomical structures, visualizing the tips of the jaw, and optimizing control during tissue dissection.

Spring-Loaded Handle Lever with Latch

Reduces hand fatigue by maintaining closure of the handle while the user presses the fuse activation button.

Opens automatically when unlatched.

Voyant Maryland Fusion Device

Model	Modality	Maximum Vessel Diameter	Shaft Length	Jaw Style	Handle Style	Trocar Compatibility	Seal Length	Cut Length	Jaw Shape	Shaft Rotation
EB215	Advanced bipolar	7mm	37cm	Single action	Latching	5mm or larger	20mm	18mm	Curved, with dissecting tips	360°
EB216	Advanced bipolar	7mm	44cm	Single action	Latching	5mm or larger	20mm	18mm	Curved, with dissecting tips	360°
EB217	Advanced bipolar	7mm	23cm	Single action	Latching	5mm or larger	20mm	18mm	Curved, with dissecting tips	360°

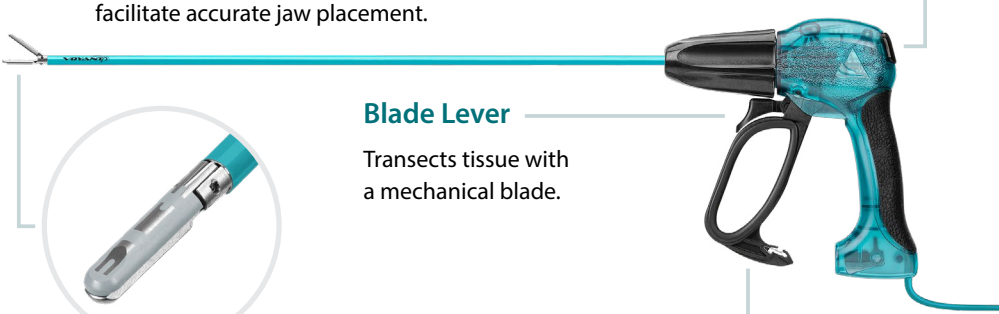
Voyant
5mm Fusion Device

Unrestricted Shaft Rotation

Allows for continuous, 360-degree rotation to facilitate accurate jaw placement.

Fuse Activation Button

Activates energy delivery.



Blade Lever

Transects tissue with a mechanical blade.

Single-Action, Straight Jaw with Blunt Tips

Enables a high degree of control during blunt tissue dissection.

Spring-Loaded Handle Lever with Latch

Reduces hand fatigue by maintaining closure of the handle while the user presses the fuse activation button.

Opens automatically when unlatched.

Voyant 5mm Fusion Device

Model	Modality	Maximum Vessel Diameter	Shaft Length	Jaw Style	Hande Style	Trocar Compatibility	Seal Length	Cut Length	Jaw Shape	Shaft Rotation
EB210	Advanced bipolar	7mm	37cm	Single action	Latching	5mm or larger	20mm	18mm	Straight, with blunt tips	360°
EB211	Advanced bipolar	7mm	44cm	Single action	Latching	5mm or larger	20mm	18mm	Straight, with blunt tips	360°

Voyant
Open Fusion Device

180-Degree Shaft Rotation

Facilitates accurate jaw placement.

Fuse Activation Button

Activates energy delivery.

Blade Lever

Transects tissue with a mechanical blade.

Dual-Action, Curved Jaw with Blunt Tips

Aids in visualizing the tips of the jaw during tissue handling.

Spring-Loaded Handle Lever with Latch

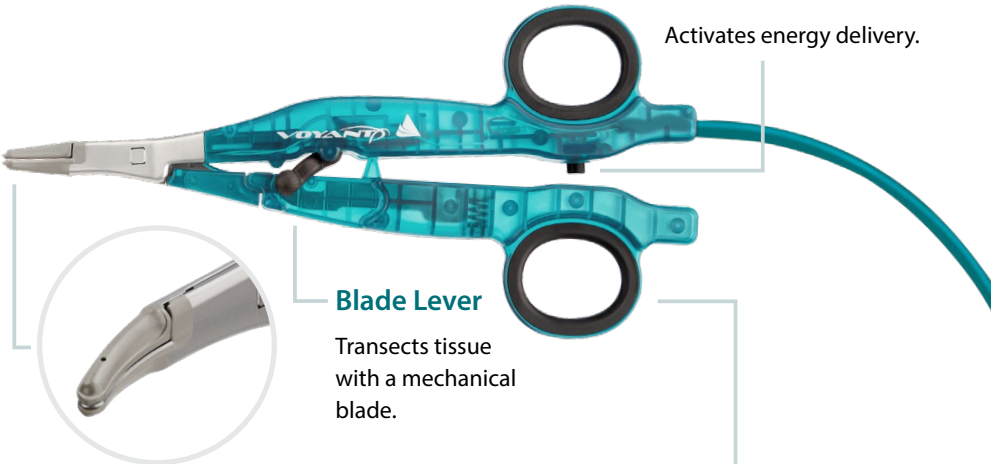
Reduces hand fatigue by maintaining closure of the handle while the user presses the fuse activation button.

Opens automatically when unlatched.

Voyant Open Fusion Device

Model	Modality	Maximum Vessel Diameter	Shaft Length	Jaw Style	Seal Length	Cut Length	Jaw Shape	Shaft Rotation
EB240	Advanced bipolar	7mm	20cm	Dual action	40mm	38mm	Curved, with blunt tips	180°

Voyant
Fine Fusion Device



Fuse Activation Button

Activates energy delivery.

Blade Lever

Transects tissue with a mechanical blade.

Dual-Action, Curved Jaw with Dissecting Tips

Aids in tracking the contour of anatomical structures, visualizing the tips of the jaw, and optimizing control during fine tissue dissection.

Ring Handle Insert

Can be left in or removed to accommodate all hand sizes.

Voyant Fine Fusion Device

Model	Modality	Maximum Vessel Diameter	Device Length	Jaw Style	Seal Length	Cut Length	Jaw Shape
EB230	Advanced bipolar	7mm	19.3cm	Dual action	17mm	15mm	Curved, with dissecting tips

Voyant
Electrosurgical Generator and Cart

Advanced Energy
The EA020 Voyant electrosurgical generator is an advanced bipolar generator compatible with all Voyant devices.

Seamless Software Updates
The Voyant Intelligent Energy system delivers the latest technology through the device key, eliminating the need for generator software updates.

Enhanced Safety and Reliability
Calibration and verification checks are performed automatically during every startup, minimizing preventive maintenance.

Easy Preventive Maintenance
Output verification testing can be run at the touch of a button, the results being displayed on-screen.

Sleek and Simple Design
The Voyant generator boasts a small profile and a user interface that is easy to use.

Plug and Play System
Simply turn on the generator and connect a Voyant device. The system is ready to use!

Voyant Electrosurgical Generator and Cart

Model	Description	Modality	Product Size and Weight	Ports
EA020	Voyant electrosurgical generator	Advanced bipolar	35.1cm x 30.5cm x 11.3cm (6.6kg)	1
EX150	Voyant cart	N/A	76.12cm x 49.00cm x 101.22cm (30.20kg)	N/A

Voyant Fusion devices are bipolar electrosurgical devices used in procedures where the ligation and division of vessels and tissue bundles is desired. [Malaysia: Registered under Act 737, GC6173021-67706]

Devices listed must be administered by a healthcare professional. Please contact your Applied Medical representative for more information on availability. This information is intended for dissemination exclusively to healthcare professionals and is not intended to replace labeling and Instructions for Use (IFU). Please refer to the IFU for the indications, contraindications, warnings, precautions, instructions and other information.

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