

# CoolSeal® and JustRight® Portfolio Specifications

**ADVANCED BIPOLAR  
VESSEL SEALERS**

**STAPLING  
SOLUTIONS**



	<b>CoolSeal Trinity</b>	<b>CoolSeal Mini</b>	<b>CoolSeal Reveal</b>	<b>JustRight 5 mm stapler</b>
<b>Description</b>	Sealer, divider and dissector	Sealer and dissector	Open sealer, divider and dissector	Stapler and reload
<b>Shaft length and associated product number</b>	<b>30 cm</b> CSL-TRN105-30	<b>20 cm</b> CS-MN103-20	<b>10 cm</b> CS-RV105-10	<b>Handpiece</b> JR-ST25-2.0-6
	<b>37 cm</b> CSL-TRN105-37			<b>20 cm reloads</b> JR-REL25-2.0-12
	<b>44 cm</b> CSL-TRN105-44			
<b>Shaft diameter</b>	5 mm	3 mm	5 mm	5 mm
<b>Compatible trocar sizes</b>	≥ 5 mm	≥ 3 mm	N/A	≥ 5 mm
<b>Jaw length</b>	20 mm	10 mm	12 mm	Staple line: 25 mm Staple leg length: 2 mm
<b>Jaw design</b>	Maryland	Maryland	Maryland	Cantilever stapler
<b>Cut length</b>	18 mm	N/A	10 mm	21.9 mm
<b>Seal length</b>	19 mm	10 mm	11 mm	N/A
<b>Seal time</b>	1.4 seconds <sup>1</sup>	1.6 seconds <sup>2</sup>	< 1 second <sup>3</sup>	N/A
<b>Degrees of rotation</b>	360°	340°	335°	360°
<b>Vessel and tissue bundle size indication</b>	Up to and including 7 mm	Up to and including 5 mm	Up to and including 6 mm	Compressed tissue range: 0.75 – 1 mm
<b>Device technology</b>	Advanced bipolar	Advanced bipolar	Advanced bipolar	Cantilever
<b>Average thermal spread</b>	< 1 mm <sup>4</sup>	< 1 mm <sup>5</sup>	< 1 mm <sup>6</sup>	N/A
<b>Surgical approach</b>	Laparoscopic and open	Laparoscopic and open	Open	Laparoscopic and open
<b>Quantity/box</b>	6/box	6/box	6/box	Handpiece: 6/box 20 cm reloads: 12/box

**ADDITIONAL JUSTRIGHT STAPLER SPECIFICATIONS**

<b>Pre-fire compression</b>	N/A	N/A	N/A	≥ 10 seconds
<b>Maximum reloads per stapler</b>	N/A	N/A	N/A	15

## References

1. NAR-EN-17455 Rev 1 CoolSeal Trinity LigaSure Maryland Seal Time Comparison Report.
2. A simplified, low power system for effective vessel sealing. Lyle A, Kennedy J, Schmaltz D, Kennedy A. The International Society for Optic and Photonics(SPIC) 2015.
3. 16451 Rev 1 CoolSeal Reveal Chronic Study Seal Times and Vessel Count Engineering Report.
4. NAR-VE-17357 Rev 2 CoolSeal Trinity LigaSure Thermal Spread Comparison.
5. BSL-PR-057 A simplified, low power system for effective vessel sealing. Lyle A, Kennedy J, Schmaltz D, Kennedy A. The International Society for Optic and Photonics(SPIC) 2015.
6. 16375 Rev 2 CoolSeal Reveal LigaSure Thermal Damage Comparison Design Verification Report.

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## Important Safety Information

The **CoolSeal™ Trinity** is a bipolar electrosurgical instrument intended for use in minimally invasive or open surgical procedures where ligation and division of vessels, tissue bundles, and lymphatics is desired. The CoolSeal™ Trinity can be used on vessels (arteries, veins, and vascular bundles) up to and including 7 mm in diameter. It is indicated for use in general surgery procedures including urologic, vascular, and gynecologic. It is indicated for use in adult and pediatric populations (infants, children, and adolescents). Procedures may include, but are not limited to, Nissen fundoplication, colectomy, cholecystectomy, adhesiolysis, hysterectomy, oophorectomy, etc.

Do not use the CoolSeal™ Trinity for tubal sterilization or tubal coagulation for sterilization procedures. The device is contraindicated for use in ENT procedures.

The **CoolSeal™ Reveal** is a bipolar electrosurgical instrument intended for use in open surgical procedures in adults and pediatrics where ligation and division of vessels, tissue bundles, and lymphatics is desired. The CoolSeal™ Reveal can be used on vessels (arteries and veins) up to and including 6 mm in diameter. It is indicated for use in general surgery and in such surgical specialties as urologic, thoracic, plastic, and reconstructive. Procedures may include but are not limited to, bowel resections, gall bladder procedures, Nissen fundoplication, and adhesiolysis.

The CoolSeal™ Reveal is also indicated for open ENT procedures in adults (thyroidectomy, radical neck dissection, and parotidectomy) for ligation and division of vessels, lymphatics and tissue bundles 2-3 mm away from unintended thermally-sensitive structures such as nerves and parathyroid glands.

Do not use the CoolSeal™ Reveal for tubal sterilization or tubal coagulation for sterilization procedures.

The **CoolSeal™ Mini** is intended for use in open and laparoscopic general surgical procedures to seal blood vessels and vascular bundles up to and including 5 mm in diameter for use in adult and pediatric populations, wherever vessel ligation is required.

This device is contraindicated for use in ENT procedures. Do not use the device within 1 cm of a cochlear implant. Do not use the CoolSeal™ Mini for tubal sterilization or tubal coagulation for sterilization procedures. Do not use this device on vessels in excess of 5 mm in diameter.

The **JustRight™ 5mm Stapler** is intended for use in abdominal, gynecologic, pediatric, and thoracic surgery for resection, transection, and creation of anastomosis.

Do not use the JustRight™ 5mm Stapler 2.0 mm staples on any tissue that compresses to less than 0.75 mm in thickness, on any tissue that cannot comfortably compress to 1.0 mm or on the aorta. Do not use the JustRight™ 5mm Stapler on tissue such as liver, hepatic vasculature, spleen, pancreas, or biliary structures where compressibility is such that closure of the instrument would be destructive. Do not use the JustRight™ 5mm Stapler where adequacy of hemostasis cannot be verified visually after application. Do not use the JustRight™ 5mm Stapler with a staple line reinforcement material. Adequate staple formation cannot be verified when using staple line buttressing materials such as PERI-STRIPS or SEAMGUARD products.

For further information related to warnings, cautions, and directions for use, please consult the Instructions For Use.

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Contact your Hologic sales representative or scan the QR code for more information.

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