

# CoolSeal<sup>®</sup> Mini

3mm Vessel Sealer

HOLOGIC<sup>®</sup>

LAWMED  
ADVANCING SURGICAL POSSIBILITIES TOGETHER

## Introducing the newest member of the Hologic portfolio

Precisely designed and indicated for pediatric surgery, the CoolSeal Mini 3mm Vessel Sealer is 40% smaller than other vessel sealers on the market.<sup>1</sup>



≤5mm  
vessel sealing<sup>2</sup>

1.6 second  
average seal times<sup>2</sup>

< 1mm  
average thermal spread<sup>2</sup>

40%  
smaller incisions<sup>2</sup>

CoolSeal Mini device combines the finesse of a true surgical instrument with the gold-standard efficacy of CoolSeal advanced bipolar RF vessel sealing. Produce strong, secure seals in just 1.6 seconds with less than 1 mm of thermal spread.<sup>2</sup>

True Maryland-style dual-action jaws enable precise dissection and seal vessels up to 5 mm with an average burst strength >3x systolic pressure.<sup>2</sup>

## Specifically designed for pediatric procedures

The CoolSeal Mini device lets you work confidently in tight spaces while avoiding irreversible damage to adjacent critical structures.<sup>3,4</sup>

- Pediatric Thoracic<sup>3,4</sup>
- Pediatric Urology<sup>3</sup>
- Pediatric Small Bowel<sup>3</sup>
- Pediatric Abdominal<sup>3</sup>



## Why take the risk with higher temperature devices?

Unlike monopolar energy devices, the CoolSeal Mini vessel sealer stays below temperatures that can cause irreversible tissue damage, even when activated while touching these structures.<sup>3,4</sup>

### The CoolSeal Mini 3 mm Vessel Sealer is a Multi-Functional Surgical Instrument

Functions	Monopolar Hook	CoolSeal Mini
Dissection	✓	✓
Grasping	✗	✓
Safety of advanced bipolar	✗	✓



### The CoolSeal Mini 3 mm Vessel Sealer is a Multi-Functional Surgical Instrument

	Catalogue No.	Shaft Length	Shaft Diameter	Jaw Length	Jaw Design
CoolSeal Generator	CSL-200-50	–	–	–	–
CoolSeal Mini	CSL-MN103-20	20 cm	3 mm	10 mm	Maryland
CoolSeal Trinity	CSL-TR105-30	30 cm	5 mm	20 mm	Maryland
	CSL-TR105-37	37 cm	5 mm	20 mm	Maryland
	CSL-TR105-44	44 cm	5 mm	20 mm	Maryland

## Elevate your expectation with the CoolSeal suite of products

We strive to elevate expectations in surgery. Leveraging our expertise in microsurgical devices and energy delivery, we innovate to give surgeons options they've never had, making them more proficient while minimizing the surgical impact on every patient.

Contact your Hologic sales representative or visit [www.GYNsurgicalsolutions.com](http://www.GYNsurgicalsolutions.com)

#### Important Safety Information

The CoolSeal® Mini sealer 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 sealer for tubal sterilization or tubal coagulation for sterilization procedures. Do not use this device on vessels in excess of 5 mm in diameter. For further information related to warnings, cautions, and directions for use, please consult the Instructions For Use.

SS-01504 Rev.001 ©2023 Hologic, Inc. All rights reserved. Specifications are subject to change without prior notice. This information is intended for medical professionals in the U.S. and other markets and is not intended as a product solicitation or promotion where such activities are prohibited. Hologic, CoolSeal, The Science of Sure and associated logos are trademarks or registered trademarks of Hologic, Inc. and/or its subsidiaries in the United States and/or other countries.

#### References:

- Developing neonatal minimally invasive surgery: Innovation, techniques, and helping an industry to change. Rothenburg S. Journal of Pediatric Surgery 50 (2015) 232-235.
- A simplified, low power system for effective vessel sealing. Lyle A, Kennedy J, Schmaltz D, Kennedy A. The International Society for Optic and Photonics (SPIE) 2015.
- Early experience with a New 3mm Tissue and Vessel Sealing Device. Rothenberg S, Oh P. International Pediatric Surgery Group Annual Meeting. July 22, 2014.
- Evaluation of Adjacent Tissue Thermal Damage When Using the Low Power JustRight Surgical Vessel Sealing System. Yoder S, Kennedy J, Lyle A, Bendele A. Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting. March 16, 2019.

Hologic, Inc. 250 Campus Dr, Marlborough, MA 01752 (508) 263-2900 <https://www.hologic.com>