



RETRACTOR MAKER

PRODUCT BROCHURE OF

ThoraGate Rib Up Retractor System

CERTIFIED & APPROVED

✓ EN ISO 13485:2016 + A11:2021



ISO 9001:2015



EN ISO 7153-1:2016



cGMP Approved



SCCI Registered since 2023



SIMAP Approved since 2023

All procedures and processes follow FDA guidelines.



ThoraGate Rib Up Retractor System

SKU RM-TRURS-1

\$1,499 USD

COMPONENT LIST

QUANTITY	COMPONENT	DIMENSIONS / DESCRIPTION
1	ThoraGate Rib Up Retractor	Main thoracic retractor frame and elevation assembly
1	Flexible Arm	Articulating support arm for retractor element positioning
1	Suction Stabilizer Foot	Base unit aiding mechanical system equilibrium
2	Lower Blades (different sizes)	Interchangeable blades for lower rib engagement
3	Upper Blades (different sizes)	Interchangeable blades for superior rib elevation

PRODUCT DESCRIPTION

The ThoraGate Rib Up Retractor System is a next-generation thoracic surgical retractor engineered to provide superior operative visualization during minimally invasive direct coronary artery bypass (MIDCAB) and thoracic interventions. By combining mechanical intercostal spreading with vertical rib elevation, this system creates an expansive working tunnel through a small minithoracotomy incision without causing excessive rib spreading or cartilage damage.

Designed for precision thoracic positioning, the ThoraGate Rib Up Retractor System consists of a primary ThoraGate rib-elevation frame, a multi-jointed articulating flexible support arm, a suction-assisted stabilizer foot to maintain system equilibrium, two lower intercostal blades in differing sizes, and three upper elevation blades in progressive depths. This configuration allows surgeons to elevate superior ribs while depressing lower tissue planes to establish an unobstructed view of the internal mammary artery (IMA) and coronary targets.

Manufactured from Premium Grade AISI 304/316 Stainless Steel (Non-Magnetic) with a reflection-free satin finish, Retractor Maker supplies the ThoraGate Rib Up Retractor System non-sterile and fully autoclavable inside

a heavy-duty aluminum sterilization container, ensuring long-term reliability and rapid OR tray preparation.



THANK YOU

We look forward to discussing your surgical retractor requirements.

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