



ROBOTx Toolkit – Robotic Surgery Tools



Genesee
BIOMEDICAL, INC.

Shaped by Surgeons.
Built for Better Outcomes.



Robotic Surgery Tools - ROBOTx Toolkit

Minimally Invasive Tools. Made for Robotic Reach and Surgical Flow.

Our robotic toolkit was created to support precision, control, and flow during robotic-assisted valve repair procedures. Whether knot tying, suction management, or valve sizing — these reusable, minimally invasive instruments are trusted for their simplicity, durability, and robotic compatibility.

Designed For:

- ✓ Port-based mitral and tricuspid repair procedures
- ✓ Robotic-assisted procedures requiring long-reach instruments
- ✓ Surgical teams managing fine motor movements through limited access

Toolkit Instruments

- ✓ **Suture Hooks:** Choose left- or right-facing tools for suture manipulation
- ✓ **Suction Tools:** Specialized suction tools for chest wall and hard to reach areas
- ✓ **Knot Pushers:** Open or closed options to fit personal technique
- ✓ **Valve Sizers:** Reliable intraoperative confirmation of ring/band selection
- ✓ **Thoracic Ports** – Stainless steel ports with polymer obturators, designed to minimize trauma and enable valve repair, ASP, and other cardiac procedures through small thoracic access points



Toolkit Highlights

- ✓ Extended instrument lengths optimized for thoracic entry
- ✓ Ergonomic hook and knot delivery tools
- ✓ Stainless steel valve sizers (sizes 25–33 mm)
- ✓ Fully reusable and supplied non-sterile

Robotic Surgery Tools - ROBOTx Toolkit – Ordering Info

These instruments were designed for long-shafted access and can support robotic or port-based mitral repairs.

Qty	Catalog #	Product Description
1	RSH-L	Robotic Suture Hook – Left
1	RSH-R	Robotic Suture Hook – Right
1	RTK-BTS	Ball Tip Suction Tube
1	RTK-LDS	Large Diameter Suction Tube
1	RTK-KPO	Knot Pusher – Open
1	RTK-RKP	Knot Pusher – Closed
1 (Set of 5)	RTK-VSS	Stainless Steel Valve Sizer Set
1 (Set of 9)	FRBS	Flexible Silicone Sizers (Sizes 24–40 mm)
1	RPS-1850	Thoracic Port with Obturator – 18 mm ID, 50 mm Length
1	RPS-1870	Thoracic Port with Obturator – 18 mm ID, 70 mm Length
1	RPS-1890	Thoracic Port with Obturator – 18 mm ID, 90 mm Length
1	RPS-18110	Thoracic Port with Obturator – 18 mm ID, 110 mm Length



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ROBOTx™ TOOLKIT

INNOVATIVE TOOLS FOR
ROBOTIC VALVE REPAIR



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“Innovation begins with listening. Every great product we build starts with a surgeon’s challenge.”
— Matt Dambeck, CEO Genesee BioMedical, Inc

