



RETRACTOR MAKER

PRODUCT BROCHURE OF

Phantom AL Anterior Lumbar Surgical Access 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.



Phantom AL Anterior Lumbar Surgical Access System

SKU RM-PAL-1

\$3,999 USD

COMPONENT LIST

QUANTITY	COMPONENT	DIMENSIONS / DESCRIPTION
4	Blade 25 × 60 mm	Shallow depth retractor blade
4	Blade 25 × 80 mm	Medium-shallow depth retractor blade
4	Blade 25 × 100 mm	Intermediate depth retractor blade
4	Blade 25 × 120 mm	Standard depth retractor blade
4	Blade 25 × 140 mm	Extended depth retractor blade
4	Blade 25 × 160 mm	Deep surgical corridor retractor blade
4	Blade 25 × 180 mm	Extra-deep surgical corridor retractor blade
4	Blade 25 × 200 mm	Maximum reach retractor blade
1	Retractor Ring	300 mm diameter central circular framework for the retractor
2	Extension Bar	Extends or positions retractor frame assembly
6	Ring Clamp	Secures holders and components to retractor ring
6	Pivoting Blade Holder	Provides adjustable blade mounting on the ring
1	Hex Wrench	225 mm manual wrench for frame adjustment and assembly

QUANTITY	COMPONENT	DIMENSIONS / DESCRIPTION
2	Arm With Ring Holder	Supports and connects retractor ring to table mounts
2	Rotatable Table Clamp	Anchors support structure to OR table side rails
1	Hex Driver Tool	Specialized driver tool for system adjustment
1	Sterilization Box	Perforated aluminum storage container for reprocessing

PRODUCT DESCRIPTION

The Phantom AL Anterior Lumbar Surgical Access System is a specialized table-anchored surgical retractor platform engineered to address the demanding visualization requirements of anterior lumbar interbody fusion (ALIF) and retroperitoneal reconstructions. By securing directly to both operating table side rails via dual rotatable clamps, this system establishes a rigid 360-degree perimeter that protects great vessels and abdominal viscera without assistant fatigue.

Built to accommodate varying patient anatomy and deep retroperitoneal corridors, the Phantom AL Anterior Lumbar Surgical Access System utilizes a 300 mm diameter circular retractor ring, two structural extension bars, two ring-holder support arms, and six quick-locking ring clamps. The system includes 32 specialized 25 mm-wide retractor blades spanning eight depths from 60 mm up to an extended 200 mm reach, all controlled via six multi-axis pivoting blade holders that allow micro-adjustable blade angulation.

Precision-machined from Premium Grade AISI 304/316 Stainless Steel (Non-Magnetic) and high-tensile aluminum alloy with an anti-glare satin finish, Retractor Maker supplies the complete Phantom AL Anterior Lumbar Surgical Access System non-sterile and fully autoclavable inside a heavy-duty aluminum sterilization container with customized organizing brackets.



THANK YOU

We look forward to discussing your surgical retractor requirements.

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