

FENTEX
■ ■ ■ *medical*

*Now available
new and improved*



LARS Retractor 2.0

Larynx Advanced Retractor System

Introduction

The LARS (Larynx Advanced Retractor System) represents an open retractor system designed to provide unobstructed access to the affected region of the upper aerodigestive tract.

A truly modular design with a large variety of different tongue blades and other accessories makes this retractor system suitable for a wide range of indications in the surgical treatment of oropharyngolaryngeal lesions. The convex shape and size of the frame itself is adapted to the facial anatomy and provides maximum exposure of the operative field transorally. Ideally suited for TORS (Trans Oral Robotic Surgery) the main retractor frame makes room for the movement of the robotic arms, thus reducing set-up time and time for repositioning in the OR.

Features and benefits

In comparison to conventional operating laryngoscopes, the open LARS frame system allows a far better access and visibility of the anatomical region of interest without confining the surgeon to a small laryngoscope tube.

At the same time, it considerably improves instrument maneuverability due to its large frame and flexible accessories.

The retractor head holding the tongue blade can be adjusted in multiple directions allowing vertical and horizontal movement as well as angular adjustment of the blade.

All accessories or attachments can be added or changed during surgery, without removing the frame from its position.

The surgeon has the advantage of a significantly improved access, a much better view of the operation site as well as increased maneuverability of instruments – whether the instrument is in the hand of the surgeon or used via robot.

It is suitable for applications with endoscopes, exoscopes and microscopes: The advantage applies to all types of oral procedures.



Highlights

- »» Widest retractor frame available on the market
- »» Detachable handle for easy positioning
- »» Extended accessibility and range of motion
- »» Far better visibility of the affected region
- »» Flexible positioning of the accessories to avoid collision or obstruction
- »» Different palatal support options available in respect of the dental status of the patient
- »» Large variety of accessories such as smoke evacuation tube etc.



handle is detachable



handle is detachable

540700FX Basic Frame LARS 2.0 with two palatal elements



540760FX Cheek Retractor, pair, WL 4 cm



540761FX Cheek Retractor, pair, WL 9 cm



540762FX Cheek Retractor, pair, WL 11 cm





540703FX Clip Bar



540705FX Universal adapter



540706FX Adapter for Cheek Retractors, pair

	118927FX	Connector for articulated arm
	540710FX	Connector for Chest Support
	540775FX	Light carrier
	540770FX	Smoke Evacuation Tube
	540720FX	Mandibular blade
	540721FX	Tongue blade, short, curved
	540722FX	Tongue blade, long, curved
	540723FX	Tongue blade, curved, with left aperture
	540724FX	Tongue blade, curved, with right aperture
	540740FX	Laryngeal blade, short, concave, slightly curved
	540741FX	Laryngeal blade, long, concave, slightly curved
	540742FX	Diverticuloscope blade, concave, slightly curved
	540743FX	Special blade

LARS Articulating Arm

- This fixation arm features 3 joints for 3-dimensional movement with a single fixation wheel to freeze the arm in any given position
- Articulating arms of various lengths.
- Height adjustable column with rail clamp



- 118925FX** Rail Clamping Base
- 118926FX** L-Column
- 118940FX** Articulated arm with central one hand fixation, 40 cm
- 118955FX** Articulated arm with central one hand fixation, 55 cm
- 118928FX** Articulated arm with central one hand fixation, 28 cm

Accessories:

Chest support:

- 530500FX** Chest Support for adults, support rod 34 cm
- 530505FX** Chest Support for children, support rod 24 cm



Cheek and Lip Expander:

Ideally suited in combination with the LARS frame

- 424200FX** Cheek and Lip Expander by Spandex, small type, autoclavable, Box with 2 pcs.
- 424201FX** Cheek and Lip Expander by Spandex, large type, autoclavable, Box with 2 pcs.



Teeth Protectors:



896100FX
 Camo Teeth Protector,
 non-sterile, non-autoclavable



896150FX
 Teeth Protector,
 non-sterile, non-autoclavable



896170FX
 Medasil Teeth Protector
 non-sterile, non-autoclavable
 pack of 20 pcs.

LARS Retractor

Larynx Advanced Retractor System

FENTEX medical GmbH is a medical company specializing in manufacturing and marketing of surgical instruments and endoscopy systems for ENT and Head & Neck surgeons. It is located near Tuttlingen, the world renowned „Silicon Valley“ of surgical instruments.

FENTEX instruments and endoscopes are exclusively made in Germany. High quality components and attention to detail all in combination result in precision, dependability and durability of FENTEX products.

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