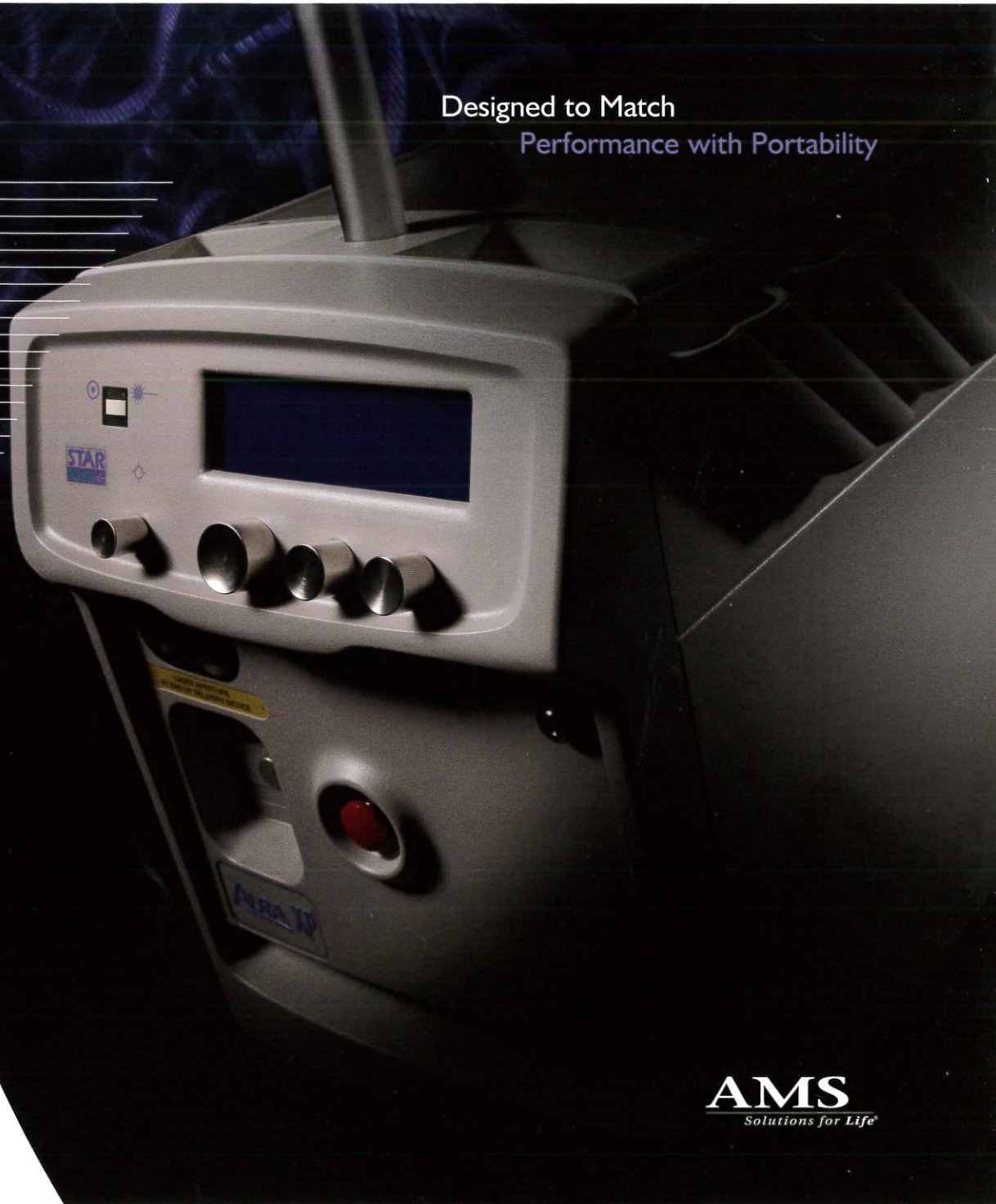


EARS • NOSE • THROAT

 **AuraXP™**
Laser Therapy

Designed to Match
Performance with Portability



AMS
Solutions for Life®

Performance and Precision

Advantages of the Aura XP™

The Aura XP™ 15 Watt laser system delivers unmatched performance and steady-state reliability that can be applied to a wide range of soft tissue clinical applications.

Precise Cutting and Coagulation

StarPulse™ Technology precisely limits the depth of penetration for increased control, while providing excellent hemostasis, vaporization, and cutting power.

Unique StarPulse Technology

Allows you to deliver a pulse width as short as 1 millisecond.

532 nm Pulsed Wavelength

KTP energy is highly absorbed by oxyhemoglobin, delivering precise coagulation while leaving the surrounding tissue unaffected.¹

Compact Design and Quiet Operation

Perfect for in-office and small procedure rooms and can be placed on a countertop or cart. Its small, compact design is perfect for the hospital, office or ambulatory surgery center.

Easy and Convenient Plug and Play Operation

Standard Electrical 120vac (20amp) plug and play operation enables easy movement from one room to another and expedites procedure time.

Solid-state Reliability

Reliable, solid-state construction sets a new standard for high performance with easy maintenance.



Accessories

Automatic Eye Protection Filter (AEPF)

The Automatic Eye Protection Filter can be installed under the oculars of any microscope to filter the KTP light to protect against 532 nm laser energy.

Compatible Microscopes:

- Zeiss
- Storz/Urban
- Leica/Wild



Multiple Surgical Applications

The Aura XP with StarPulse Technology excels as a tool supporting the management of selected mucosal diseases by offering a versatile platform utilizing a continuous wave and pulsed mode (StarPulse) technology – expanding performance and maximizing investment.

Ears

Using the Aura XP with StarPulse, a physician can perform inner ear surgery precisely without disrupting delicate tissue surrounding the stapes bone. Many of these procedures can be performed in a hospital outpatient or ambulatory surgery center.

Clinical Applications

- **Otosclerosis/Stapedectomy** – Using our small 125 micron fiber provides precise accuracy and tactile feedback while working in tight/confined spaces.
- **Ruptured Eardrum/Tympanoplasty** – The small AccuStat Fiber can be used swiftly and deftly to cut or coagulate tissue.
- **Acoustic Neuroma** – The benign tumor in the inner ear can be easily excised and necrosed using the Aura XP's KTP wavelength.

Primary Fiber Used

- **AccuStat Fibers** – AccuStat Fibers will cut, vaporize or coagulate tissue in a laser surgical procedure and are intended to be used in a non-contact mode.



Nose

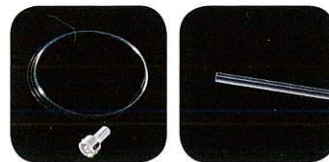
Using the Aura XP laser for nasal procedures including less bleeding, lowers chances of re-occurrence and less thermal damage than electrocautery. Many of these procedures can be performed in a hospital outpatient or in-office setting using local anesthesia.

Clinical Applications

- **Chronic Nasal Obstruction/Turbinate Reduction** – Chronic nasal obstruction is one of the more prevalent ENT diseases for which the Aura XP is well suited. The Aura XP gives a surgeon the advantage of precisely removing diseased tissue while leaving healthy nasal mucosa tissue intact.
- **Chronic Sinus Polyps/Sinus Polypectomy** – The Aura XP laser quickly coagulates and vaporizes intranasal soft tissue lesions.
- **Tonsillectomy**
- **Adenoidectomy**
- **Laser Assisted UPPP**
- **HHT (chronic nose bleeds)**

Primary Fiber Used

- **Endostat Fibers with the Endo Suction Sinus Set** – The Endostat Fibers are flexible and tend to cut faster when used in contact with tissue, than larger diameter fibers.



Throat

The distinct advantage of the Aura XP in microlaryngoscopy procedures is its ability to offer precise coagulation and necrosis of selectively targeted diseased tissue while preserving the surrounding soft mucosal layer of the vocal cord folds.

With extended pulse-width duration, the Aura XP laser can distribute laser energy over a much longer time period leading to more uniform vessel heating and less rupture.

In addition to enhanced hemostasis, the Aura XP has improved intralesional energy interaction since oxyhemoglobin absorbs energy more readily at 532 nm than at 585 nm.¹

Delivering energy in pulsed widths as short as 1 millisecond, the Aura XP's pulsed angiolytic technology coagulates hemorrhagic lesions without rupture.

A large variety of hand pieces allows precise delivery of energy along with tactile feedback and the laser is micromanipulator compatible.

Delivers unmatched performance and steady-state reliability.

Clinical Applications

- **Laryngeal Tumors and Lesions/Microlaryngoscopy** - Procedures within this application include papillomatosis, laryngeal dysplasia, vocal fold nodules and polyps, and laryngeal cancer.
- **Pharyngeal Tumors and Lesions** - Pharyngeal cancer destruction may be accomplished using the Aura XP laser and many procedures can be performed in a hospital outpatient or in-office setting.

Primary Fiber Used

- Endostat Fibers with the Endo Suction Sinus Set



- Angled Microstats - used for microlaryngology procedures



VERSATILITY. PORTABILITY. AFFORDABILITY.

Designed to Match
Performance with Portability



Offering a versatile platform -
expanding performance and
maximizing investment.

The Aura XP™ Laser System Specifications



Laser Type

Quasi-Continuous KTP Laser with StarPulse operating at 532 nm

Laser Wavelength 532 nm	Electrical Requirements Single Phase • 120VAC/15amps • 230VAC/10amps
Laser Power 0.5 to 15 Watts	
StarPulse Peak Power 160 Watts	Exposure Duration 1 to 50 milliseconds in 1msec increments, then .1 to 1 sec in 0.1 increment, then .5 sec increments to continuous
Weight 60 lbs / 27 kg	Exposure Intervals Single or 0.1 to 1 sec in 0.1 increments
Dimensions 16"H x 12" W x 23"D (42 cm x 31 cm x 58 cm)	
Cooling Air cooled	Pulse Rates 1 to 10 pulses per second when duration set between 1 to 50 milliseconds

SOLUTIONS FOR LIFE® For more the 35 years, American Medical Systems® has provided world-class medical devices used for treating pelvic health issues. Over the past decade, our reputation for quality and medical efficacy has broadened to encompass both devices and therapies that restore pelvic health for men and women. The medical conditions our solutions address include male and female urinary incontinence, erectile dysfunction, prostate disorders (including BPH), urethral strictures, pelvic organ prolapse and fecal incontinence.



See the Instructions for Use and the Operator's Manual for the complete directions, contraindications, warnings and risks associated with the device.

¹ Zeitels SM, Akst LM, Burns JA, Hillman RE, Brpadhurst MS, Anderson RR. Pulsed angiolytic laser treatment of ectasias and varices in singers. Ann Otol Rhinol Laryngol. 2006 Aug;115(8):571-80.

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