SUMMIT LASER SYSTEM

7 watt — 10 Watt — 15 watt — 20 watt

Aspen Laser Systems

NEW ADVANCED LASER THERAPY TECHNOLOGY

MORE POWER — MORE TREATMENT OPTIONS — MORE RESULTS

Included in Your Summit Series Laser System:

- > Laser Control Unit
- > Ergonomic Therapy Handpiece
- > Handpiece Holder
- > Fiber Optic Cable – 400µM
- > Interlock
- > Power Cord
- > Warning Sign
- > Safety Goggles (2 pair)
- > Mobile Carrying Case
- > User Protocol Manual

Summit Series Laser System

Aspen Laser Systems 600 17th Street #2800 | Denver, CO 80202 | **877-78-ASPEN** | info@aspenlasers.com | www.AspenLasers.com

SUMMIT LASER SYSTEM PRODUCT FEATURES

Innovations That Matter

— FEATURES —

HIGH QUALITY LASER DIODE TECHNOLOGY

Laser diodes are the heart of the laser unit and have been selected for high levels of quality, efficiency and reliability. Featuring solid state technology, they are manufactured in Germany by Dilas, Inc. a recognized worldwide leader for producing the highest performing diodes. This ensures superior operating life resulting in long term savings in operating costs. The **Self-Calibration** feature requires no routine maintenance providing additional savings and value.

MAXIMUM RANGE OF POWER (WATTS) LEVELS

Multiple power (watts) levels are available in different power configuration models from 1-60 watts. These power (watts) levels can provide significantly more energy than other therapeutic lasers. The higher power (watts) level laser models provide faster treatment times and delivery of optimal therapeutic dosages, an enhanced ability to treat difficult conditions, and enhanced clinical outcomes

OPTIMAL THERAPEUTIC WAVELENGTHS

Each diode is wavelength specific and provides a single wavelength of 980nm (810nm wavelength is also available). The longer wavelength of 980nm is proven to be very effective due to its low melanin, low water, low hemoglobin absorption rates, with the result of an optimal wavelength for stimulating tissue at greater depths of penetration.

LARGE COLOR TOUCH SCREEN

The cornerstone of all laser therapy operations is a touchscreen featuring a state of the art, full color high resolution LCD panel. The extra-large viewing area provides a smooth, quick and effortless touch experience, while guaranteeing reliability, readability and safety. The screen brightness can be customized and adjusted for each operating environment.

FAST INTERACTIVE USER INTERFACE AND MENU

Featuring a robust software and intuitive interactive menu, operating the laser is faster with a simple user interface that provides minimal selections for starting or changing a treatment. Treatments can be administered and managed with three options: **Manual Protocols** using the power level, operating mode and timer selections; **Preset Protocols** that utilize a built-in database of protocols that are organized by anatomy and condition; and **Custom Protocols** that allows the user to create their own unique protocols.

CHOICE OF OPERATING MODES

Two operating modes are built into the laser providing a choice between **Continuous Wave** (CW) or **Pulsed Modes** (Frequencies). Selection of the operating mode and specific power level (watts) can be made and adjusted through the color touchscreen or though external knobs on the laser unit. The Pulsed Mode can be operated using one of two options: **Auto Select Hz Setting** and **T-ON** and **T-OFF** Settings. These operating modes provide unlimited treatment options for maximizing clinical outcomes.

HEAVY DUTY LASER UNIT DESIGN

The laser unit has been designed to be a work horse for the busy healthcare practice. A key component of the therapy laser's design is a heavy duty internal cooling system with extra powerful fans that protect the laser from overheating. This is important when using the laser at high dosage levels that require a Continuous Wave (CW) operating mode throughout the day, which would cause other therapy lasers to overheat using the same power and dosage levels.

ERGONOMIC DUAL TREATMENT OPTION HANDPEICE

Laser therapy treatments are administered through a lightweight, ergonomically designed handpiece with a unique T-shape configuration.

Multiple treatments can be administered throughout the day with minimal stress on the practitioner. The handpiece offers dual treatment options for **On Skin Treatments** with a special curved lens and **Off Skin Treatments** with a metal spacer attachment. A **Built-In Finger Switch** integrated into the handpiece allows the laser treatment beam to be turned off or on with a single tap. An optional traditional straight therapy handpiece is also available for use with the laser.

MAXIMUM LASER TREATMENT BEAM SIZE

The treatment beam emitted from the therapy handpiece features a large 30mm diameter size that ensures **Even Energy Delivery Technology** with an enhanced ability for treatment of large areas of the body.

RELIABLE FIBER OPTIC LASER BEAM TRANSMISSION

The fiber optic cable has been developed for maximum flexibility during use, while maintaining overall durability to ensure reliable and consistent laser energy transmission.

MAXIMUM ENERGY LASER TREATMENT (MELT)

The Aspen Laser can deliver more energy than other therapy lasers. More power equates to deeper penetration, faster treatment times and delivery of the proper therapeutic dosage, an enhanced ability to treat difficult conditions, and ultimately better clinical outcomes.

SUMMIT LASER SPECIFICATIONS

Laser Type	GaAlAs Diode Laser
Model	Summit Series 7 watt / 10 watt / 15 watt / 20 watt
Wavelength	980nm
Maximum Power	7 watts / 10 watts / 15 watts / 20 watts
Operation Mode	Continuous Wave (CW) and Pulse
Pulse Duration	10µs-3s
Repetition Rate	0.2Hz-20KHz
Fiber Size	550µM (Therapy)
Pilot (aiming) Beam	Red Diode Laser of 635nm, Power <5mW
Control Mode	True Color Touch Screen
Voltage/Current Rating	110/220 VAC, 5A, 50/60 Hz
Dimensions	215(W) x 245(L) x 315(H) mm
Weight	9 lbs.
Safety Compliance	CE0197

Specifications subject to change without notice.

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