

Lightsonic Pro

PHACOEMULSIFICATION SYSTEM



Compact, Powerful, Complete
Anterior Segment System



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The LightSonic Pro Phacoemulsification system is a complete anterior segment surgical system. Lightweight and portable, it offers a high-end performance and features in a small console.

It operates with timer-saving simplicity and it is extremely easy to operate. The system can be operated by the use of factory settings or user-defined setup parameters. All operational functions, modes, and program operations are independently

Features:

- Small Lightweight Console
- Large Foldable Color Touch Screen
- User Friendly Controls
- Non-Invasive Vacuum Sensing
- Multimode Phaco
- Automated I/V Pole Interface
- USB Upgradeable
- UltraLight Four Crystal U/S Handpiece
- Custom Programs (Up to 24 Users)
- Easy Loading Non-Invasive Tubing Cartridge

Modes:

- U/S, Burst, Micro
- Anterior Vitrectomy
- Coag (Diathermy)
- I/A

User Friendly Controls

- Interactive Menus
- Intuitive Design
- Easy Irrigation Button
- Help Function



Automated Height Adjustable I/V Pole

- Convenient Adjustment
- Height Adjustable by LCD Touch Screen

REUSEABLE TUBING CARTRIDGE

- Cassette Easy Loading
- Unique Resterilizable Design
- Economical and Practical

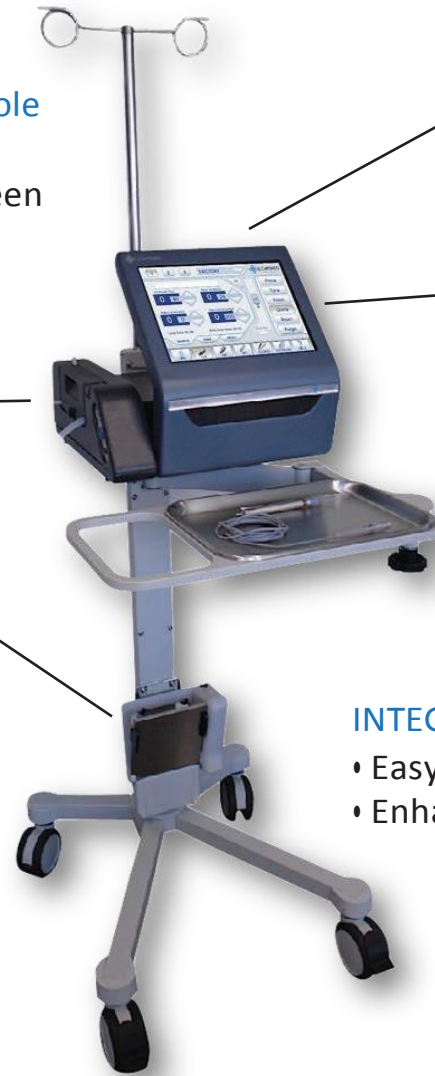
FOOTPEDAL REST

- Union Design
- Easy Shifting



Easy Portability

- Light yet sturdy carrying case comes standard with each unit



MORE COMPACT CONSOLE

- Lightweight and Easy Transportable
- Travel Case As Standard Accessory Without Extra Cost

FOLDABLE LCD TOUCH SCREEN

- 12.1" Large Display Screen
- User Friendly Option
- Build in Voice Guide Enhanced

TREATMENT INSTRUMENT TRAY

- Space Saving
- Convenient Procedure

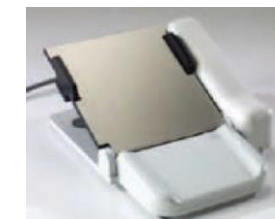
INTEGRATED STAND

- Easy Height Adjustment
- Enhanced Mobility



Choice of reusable or disposable tubing set with cartridge

- Enhanced cost offering



Programmable multifunction foot pedal

- Easy Setting for left & right side kick mode
- 3 Steps For Different Operational Functions
- Customizable for Special Performance

IRRIGATION

FLUID DELIVERY Gravity Feed

VIT (VITRECTOMY)

HANDPIECE TYPE Disposable or semi-disposable pneumatically powered gullontine cutter, user choice.

CUTTING MODE Guillotine action

DEFAULT CUTE RATE User Programmable

AVAILABLE CUT RATE From 60 to 700 cuts per minute

ACTUATION DEVICE Internal air compressor

OPERATING PRESSURE 20 psi

DEFAULT VACUUM LEVEL User Programmable

AVAILABLE VACUUM RANGE 0 to 500 mmHg

DEFAULT ASPIRATION FLOW RATE User Programmable

AVAILABLE ASPIRATION FLOW RATE 0 to 50 cc/min

SURGEON MODE (LINEAR ASPIRATION) Linear aspiration (vacuum and/or flow rate) from zero to preset

IRRIGATION Gravity Feed

COAG (COAGULATION)

TYPE Bipolar generator

OPERATING FREQUENCY 315 KHz

NOMINAL POWER 17 Watts (75 ohm load)

DEFAULT COAG POWER User Programmable

AVAILABLE COAG POWER 0 to 100%

HANDPIECE TYPE Forceps or slim slat pencil eraser, user's choice

SURGEON MODE Allows linear control of COAG power by depressing the foot pedal

U/S (ULTRASONIC)

HANDPIECE TYPE Ultra-light four crystal hand-piece

OPERATING FREQUENCY 40 KHz

IRRIGATION Gravity Fed

DEFAULT VACUUM LEVEL User Programmable

SURGEON MODE (LINEAR POWER) From 0 to 500 mmHg

DEFAULT FLOW RATE User Programmable

SURGEON MODE (LINEAR POWER) Allows linear control of the U/S power by depressing the foot pedal

MULTI MODULATION Allows for rapid transition for aspirator and phaco settings.

U/S BURST MODE Allows for surgeons control of pulse width in phaco power

MICRO PHACO Allows for surgeon control of both the on time and off time of the Phaco pulse.

PRIME/TUNE MODE Automatically primes systems and tunes the ultrasonic hand-piece

I/A (IRRIGATION/ASPIRATION)

IRRIGATION Gravity Feed

ASPIRATION Peristaltic, low pulsation

DEFAULT VACUUM LEVEL User Programmable

AVAILABLE VACUUM LEVEL From 0 to 500 mmHg

DEFAULT ASPIRATION User Programmable

AVAILABLE ASPIRATION FLOW RATE From 0 to 50 cc/min

SURGEON MODE (LINEAR ASPIRATION) Linear aspiration (vacuum and/or flow rate) from zero to preset

HANDPIECE TYPE Coaxial I/A, User's choice

DIMENSIONS

HEIGHT/WIDTH/DEPTH/WEIGHT 6in. x 14in x 13in (21lbs)

Notes: Specifications are subject to change without notice.
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Light Sonic Pro is manufactured to the international safety MDD safety standards: EN6060111, EN60601111, EN606011112, EN606901122, IEC608251
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