SPECTRA™

Dual Mode Q-switched Nd:YAG Laser

TAKE YOUR PRACTICE
TO THE NEXT LEVEL



LUTRONIC®

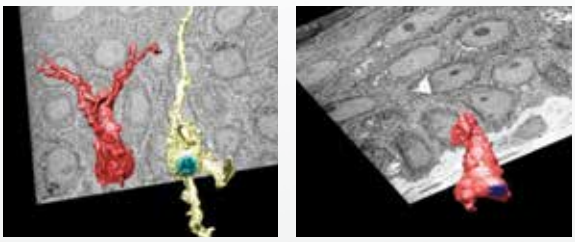
The Next Level in Treatment Versatility

LUTRONIC's Dual-pulsed Q-switched Nd: YAG SPECTRA™ laser has been engineered to meet the growing demands of a busy clinic, and includes a variety of efficacious treatment options, customizable parameters, built-in safety, minimized downtimes, all at an affordable price.

MULTIPLE LASER MODES AND POWER SETTINGS MAXIMIZE TREATMENT OPTIONS

With four distinct Q-switched mode wavelengths - 1064 nm, 532 nm, 585 nm, and 650 nm - the robust Spectra has the versatility to provide your practice with a wide range of clinical options for treating your patients. Lutronic continually expands its treatment applications and the Spectra is FDA cleared for the treatment of melasma. The technically advanced Spectra system offers an edge over other lasers and provides enhanced clinical outcomes.

3D Structure of Melanocyte in Melasma Patient



Before After

Courtesy of I.H.Kim M.D., Dermatologist, South Korea

PROVIDE THE RESULTS YOUR PATIENTS DEMAND

Melasma



Before After

Courtesy of John Shieh, M.D., USA

Tattoo



Before After

Courtesy of Medermis, USA

Epidermal Nevi



Before After

Courtesy of B.S. Chandrashekar, M.D., India

Acne Scars



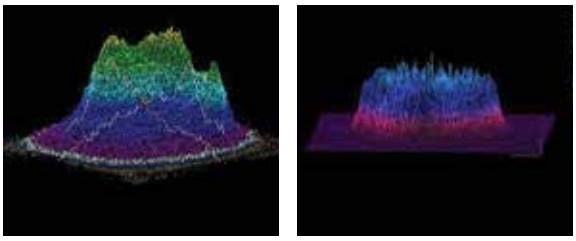
Before After

Courtesy of S. I. Chun, M.D., South Korea

THE POWER YOU NEED, THE THERMAL DAMAGE YOU DON'T

Engineered for performance, the Spectra's beam profile and power options ensure that the energy is delivered efficiently to maximize effect while minimizing damage to surrounding tissue.

UNIFORM TOP HAT BEAM PROFILE



Others Spectra

APPLICATIONS

- Melasma
- Epidermal nevi
- Tattoo removal
- Acne scars
- Non-ablative resurfacing
- Pigmented and vascular lesions
- And more…

EASE OF USE AND PEACE OF MIND

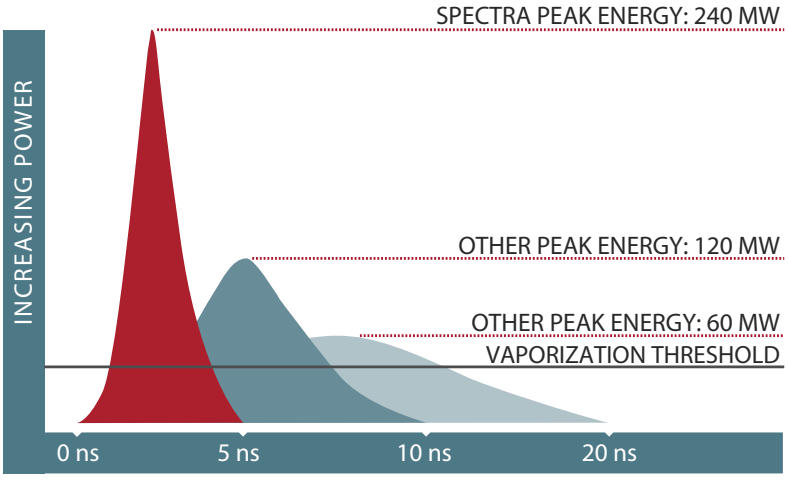
The Spectra was built with the physician in mind and includes a user-friendly GUI, user programmable buttons for personal parameters, auto-detected handpieces and adjustable aiming beam. The system even helps ensure that it stays up and running with its built-in auto-calibration and self-restoration functions.

BEHIND THE ADVANCED TECHNOLOGY

The robust Spectra has a long list of features that ensure it is a cut above the rest.

- Multiple treatment options
  - Spectra Laser Toning™
  - US Patented, Spectra Peel™
  - Spectra Soft Peel™
- High peak power
- Uniform beam profile
- 4 wavelengths
- Auto-calibration and self-restoration
- Programmable memory buttons
- Ergonomic
- Aiming beam
- Multiple handpieces
- Spectra mode





SPECTRA's combination of high peak power and short pulse width delivers efficient destruction of the target pigment with minimal collateral thermal damage, meeting the criteria of selective photothermolysis.

"Lutronic's advanced dual mode Nd:YAG SPECTRA laser will bring your practice amazing treatment versatility. Treatments for melasma, tattoo removal, non-ablative resurfacing, as well as pigmented lesions. Our patients are very happy with their results. Additionally, its two dye handpieces are excellent choices for various colored tattoo's."

Mitchel Goldman, M.D., Dermatologist & Cosmetic Surgeon,
San Diego, CA, USA

VARIETY OF HANDPIECES AVAILABLE*



3-8 mm Zoom Collimated Handpiece

1-7 mm Zoom Handpiece

7 mm Fixed Collimated Handpiece

Dye Handpiece (585 nm)

Dye Handpiece (650 nm)

Optional



SPECIFICATIONS*

Laser Medium		Nd:YAG Crystal
Wavelength		1064 nm / 532 nm (Option: 585 nm, 650 nm)
Operating Mode		Q-switched & Spectra Mode (Quasi-long Pulse)
Beam Profile		Top Hat Mode
Pulse Energy	1064 mode (Q-switched mode)	Max. 1200 mJ
	532 mode (Q-switched mode)	Max. 400 mJ
	Spectra mode (1064nm)	Max. 1500 mJ
	585 mode	Max. 250 mJ
	650 mode	Max. 150 mJ
Energy Calibration		External, Auto-calibration & Self-restoration
Pulse Width		5 - 10 ns (Q-switched Mode) / 300 µs (Spectra Mode)
Solid Dye Laser (Option)		585 nm: 7.5 J/cm^2, 650 nm: 4.5 J/cm^2
Spot Size (Auto Sensing)	1064 nm	3,4,5,6,7,8 mm / 1,2,3,4,5,6,7 mm
	532 nm	2.6, 3.4, 4.3, 5.2, 6.0, 6.9 mm / 0.8, 1.7, 2.6, 3.4, 4.3, 5.2, 6.0 mm
	585 nm, 650 nm	2 mm
Pulse Rate	1064, 650, 585, 532 mode	Max. 10 (Hz)
Memory		8 User Programmable Memory
Optical Delivery		Articulated Arm
Aiming Beam		Diode 655 nm (Red), Adjustable Brightness
Cooling		Closed Circuit Water to Air
Input Power		Single phase, AC100-120V or AC220-230V, (Fuse 125V/25A or 250V/15A), 50/60Hz, Power consumption: 1.7 kVA
Dimensions		295 mm (W) x 656 mm (L) x 1700 mm (H) or 11.6 in (W) x 25.8 in (L) x 66.93 in (H)
Weight		88 kg or 194 lb

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