

LUTRONIC
Intelligent Care™



CLARITYII™

with IntelliTrak™ technology

- Treat up to 2 times faster* with potentially fewer sessions to reach desired outcome.

TECHNOLOGY

CLARITY II™

Double wavelength Alexandrite & Nd:YAG platform

Clarity II is a powerful dual wavelength platform with a wide range of parameters. Treat the broadest indications safely and efficiently with ease. The innovative design includes: a single fiber for all spot sizes (2-25 mm), intuitive user interface and automatic calibration after a parameter change. Clarity II saves time with faster and more effective treatments. Only Clarity II offers these two new, clinically valuable features that help doctors deliver effective treatment. The proprietary IntelliTrak technology ensures a consistently fast energy supply at the density you choose and how quickly you glide over the skin. The temperature measurement provides real-time feedback to determine the effectiveness of the treatment.



Variety of Cartridges available

CLARITY II provides up to 25 mm spot size, and it is designed to conveniently change the spot size between procedures by applying up to 3 spot sizes to one cartridge, and all spot sizes are available through one fiber.



Rapid, consistent coverage takes less time

BROAD RANGE OF APPLICATIONS

- Pseudofolliculitis barbae (PFB)
- Port-wine stain
- Congenital Melanocytic Nevi (CMN)



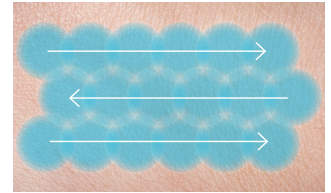
FUNCTIONALITY

NEW: IntelliTrak™ Technology

IntelliTrak is designed to precisely deliver energy pulses at a user-selected overlap density with repetition rates from 2.4Hz to over 3Hz depending on chosen fluence and spot sizes $\geq 18\text{mm}$. Lutronic's IntelliTrak distance gauge tips provide system feedback based on the user's rolling speed to help ensure complete and consistent treatment area coverage. LED lighting on the console and handpiece help inform the user about optimal rolling speed for fast treatments. Clarity II with IntelliTrak technology allows users to fully harness the high-powered platform to achieve faster treatment speeds without sacrificing the quality, consistency or fluence delivered during treatment.



Freehand Stamping: Slow, incomplete coverage takes more time

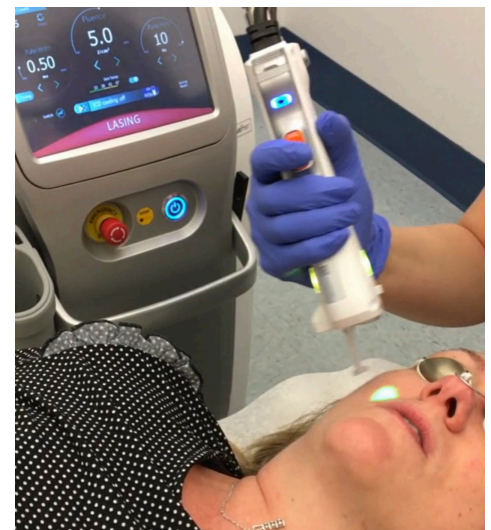


IntelliTrak: Rapid, consistent coverage takes less time



Real-Time Temperature Sensing

Only Clarity II provides real-time Temperature Sensing which is easy and intuitive. The LED on the handpiece reflects the corresponding colors on the screen for easy viewing during treatment. A practitioner may decide to treat an area with a few passes until they reach the 1st or 2nd yellow bar, and then shift to a new area and see the skin temperature range drop back to the 1st green bar. This additional real-time information can be a valuable tool to indicate safe endpoints.



1st Green bar $< 33^{\circ}\text{C}$

1st Yellow bar $< 42^{\circ}\text{C}$

1st Red bar $> 47^{\circ}\text{C}$

2nd Green bar $< 38^{\circ}\text{C}$

2nd Yellow bar $< 47^{\circ}\text{C}$

The above preset temperature ranges can be adjusted based on user preference.

RESULTS

Port Wine Stain



Photos Courtesy of Dr. B. Rümmelein, Switzerland

Pseudofolliculitis Barbae (PFB)







Photos Courtesy of Kubiley Yucel, MD

CLARITY II™

PASSION FOR INNOVATION

With special attention to the needs of users and patients, Lutronic invests a lot of time and money in the development of devices for the highest standard and continuous improvement. The products and services developed by us should not only meet, but exceed, your expectations and those of patients. For this reason, we developed our CLARITY II™ according to these four principles:



-  **INTUITIVE**
Ergonomic, intelligent handpiece design with LED indicator. Single fiber and user friendly, instant access multi-spot cartridges by application.
-  **INNOVATIVE**
Proprietary IntelliTrak™ technology enables a faster, consistent and more effective laser. Real-time Temperature Sensing to better inform treatment efficacy and endpoint
-  **EFFECTIVE**
Versatile high-powered 755/1064nm dual wavelength laser platform. Delivers wider range of parameters for maximum efficacy and reduced treatment time.
-  **DEPENDABLE**
Durability and reliability built upon the proven foundation of Clarity. Fast auto-calibration and advanced capabilities to ensure consistent performance

ATTRIBUTES

Wavelength(s)	755 nm / 1064 nm (Alexandrite / Nd:YAG)
Single Fiber Delivery	Lens-coupled optical fiber with Handpiece (works with all spot sizes)
Pulse Energy (Max Fluence)	Max 100 J at Nd:YAG Max 60 J at Alexandrite (Max Fluence: 600 J/cm ²)
Pulse Width (ms)	0.10 ms - 300 ms
Pulse Rate (Hz)	0.5 - 10 Hz
Spot Size	0, 2, 3, 5, 8, 10, 12, 15, 16, 18, 20, 22, 25 mm Fractional (FRX) 16mm, 3x10 mm
Emission Control	Finger Switch & Foot Switch
Cooling Type	Cryo ICD or Air Cooling**
Dimensions & Weight	- ICD Type: 417.6(W) x 950.3(L) x 1007.5(H), 113 kg - AIR Type: 417.6(W) x 950.3(L) x 1003.5(H), 110kg
Electrical Rating	6.0 kVA (AC 220 ~ 230V, 50/60 Hz, 30A)

LUTRONIC EUROPE

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at 755nm, 3ms, 12 J/cm², using 22mm @ 3Hz with Clarity II, vs older system at 18mm @ 2Hz

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