



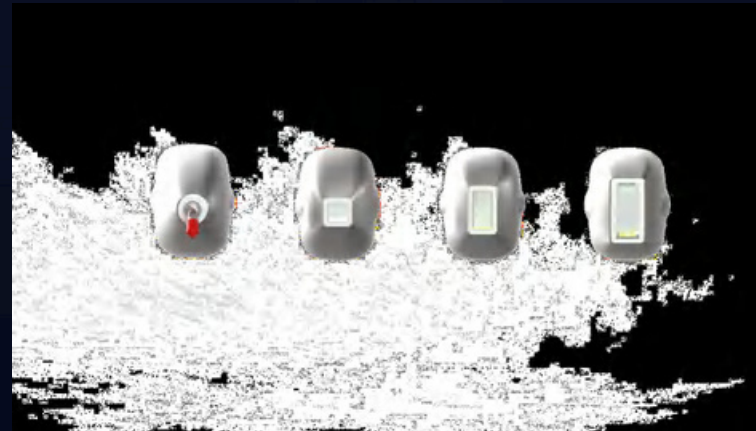
SMART
HEATER & COOLER



AresLite®

S M A R T E R

Non-crystal Diode Laser Hair Removal



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www.smartheater.com

Intro |

The AresLite® DM40Plus laser hair removal machine revolutionizes the industry with its Non-Crystal design, LIMO(Germany) Fast-axis collimator lenses, and proprietary SIFHR technology. Featuring Coherent(USA) laser bars with a lifespan of 100 million pulses, this lightweight, efficient, and durable machine delivers superior results for all skin types and colors, with dual handpieces for versatile treatments.



FOCUSED

FAC Technology To reach 99% Energy Transfer Rate.



CRYSTAL-FREE

A lightweight, efficient, and reliable Non-Crystal handpiece design.



STRONGER

Twice the energy rival the microchannel.



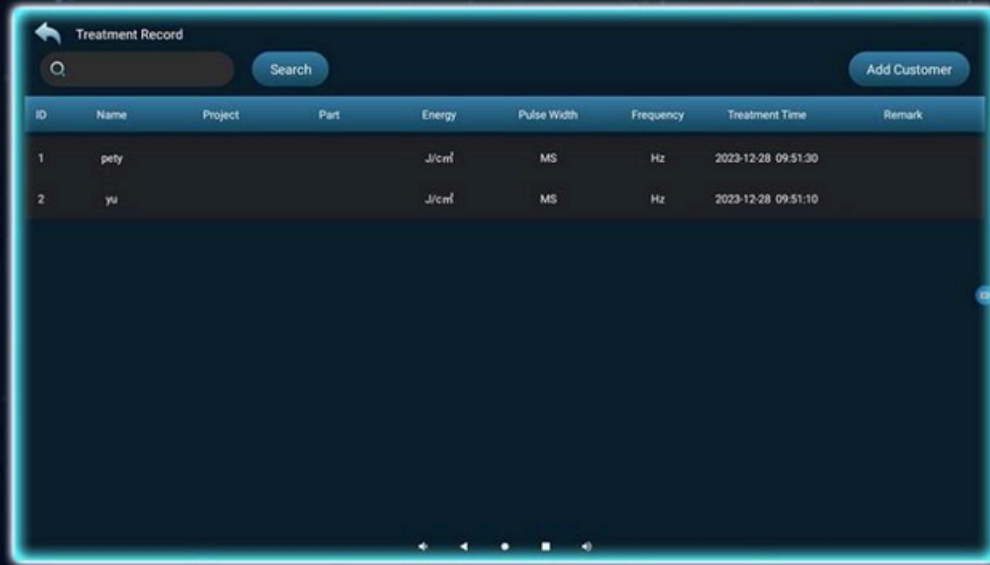
4WAVELENGTHS

755nm + 808nm +940nm+ 1064nm for all skin color.



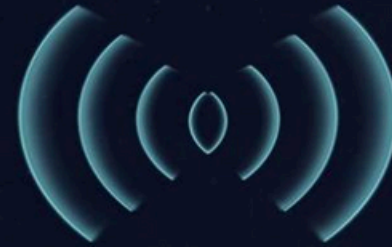


Android System



The screenshot shows a mobile application interface titled "Treatment Record". It features a search bar at the top with a magnifying glass icon and a blue "Search" button. To the right of the search bar is a blue button labeled "Add Customer". Below the search bar is a table with the following columns: ID, Name, Project, Part, Energy, Pulse Width, Frequency, Treatment Time, and Remark. The table contains two rows of data.

ID	Name	Project	Part	Energy	Pulse Width	Frequency	Treatment Time	Remark
1	pety			J/cm ²	MS	Hz	2023-12-28 09:51:30	
2	yu			J/cm ²	MS	Hz	2023-12-28 09:51:10	



Client Management



Secure Rental System



Imaging Probe

WIFI

WiFi-Enabled Updates

- Storage of up to 200,000 client profiles, including names, treatment parameters, and session counts, streamlining client management and data accessibility.
- Enhanced with a secure password system and customizable rental durations, this function enables controlled access and potential revenue generation through machine renting.
- Features a dual-lens camera probe that magnifies 50x or 200x, allowing detailed visualizations of skin pre- and post-treatment to reassure and educate clients.

Connect & Customize



8 Languages

Italian / Russian / French/ Portuguese / Turkish / Spanish / English / German



Browser

Display your official webpage directly on the machine, providing clients with easy access to your business information.



Personalized Treatment

The system offers customized treatment parameter recommendations based on the client's skin color, treatment area, and gender, ensuring optimal results.



Media Display

Upload images or videos from your phone to customize the machine's display with your logo, boot animation, or other visuals, personalizing the user experience.



Free hair follicle detection instrument to help users understand the status and growth cycle of hair follicles



Hair follicle scanner,
200 times
magnification



Lights On



Image Pause



Image Shooting



1080P Resolution



Innovative Compressor Cooling System



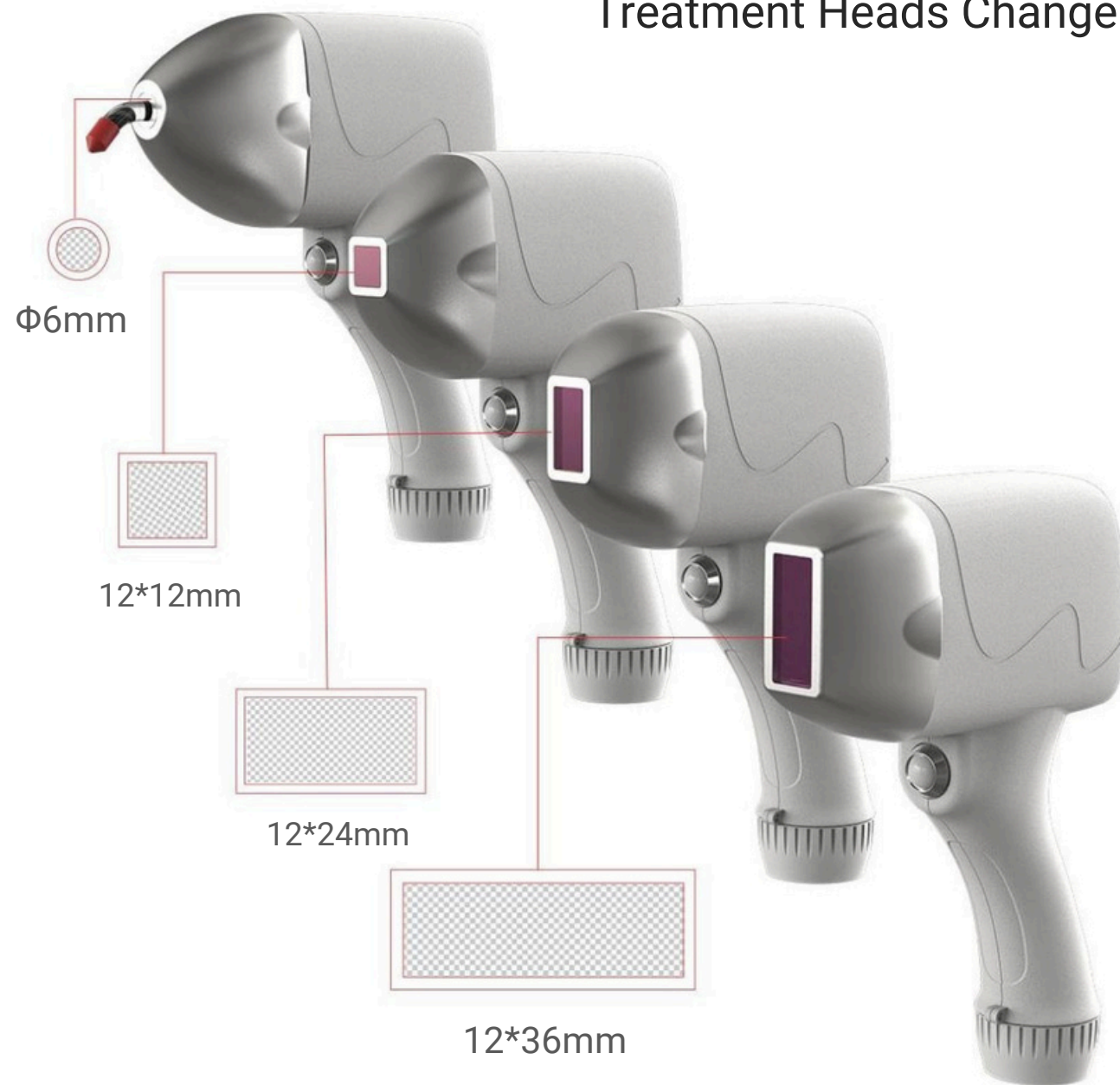
* High power COMPRESSOR cooling device realizes fast cooling down at -42°C in 30 seconds.



* Cooling system is fully upgraded, performance is more stable, provide customers a more comfortable and painless treatment experience



Treatment Heads Changeable on One Handle



4 DIFFERENT SPOT SIZES

Supports different sizes spots of the handle to satisfy different body parts of the treatment.

1800W/3000W OPTIONAL



**Super Strong
Magnetism**

Easy to operate / Save time & Efficient



Coherent USA Lasers

Our machines are equipped with top-tier Coherent lasers from the USA, ensuring a lifespan of up to 100 million shots per handpiece. Achieve reliable, high-quality results in every session.



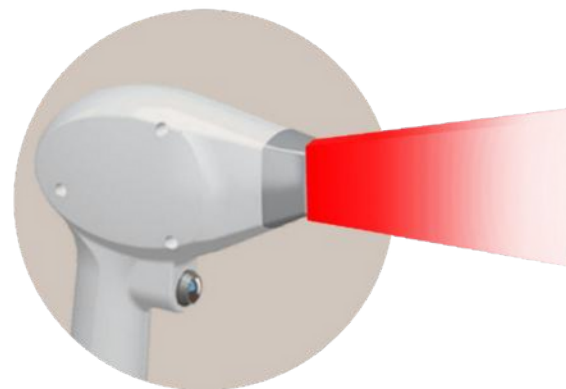
Elevate your treatments with the AresLite®, engineered with advanced Fast-axis Collimator (FAC) lenses from LIMO, Germany. These premium lenses concentrate the laser beam precisely, reducing energy loss and minimizing beam divergence, unlike machines without FAC technology.



Added FAC: Focused Beam

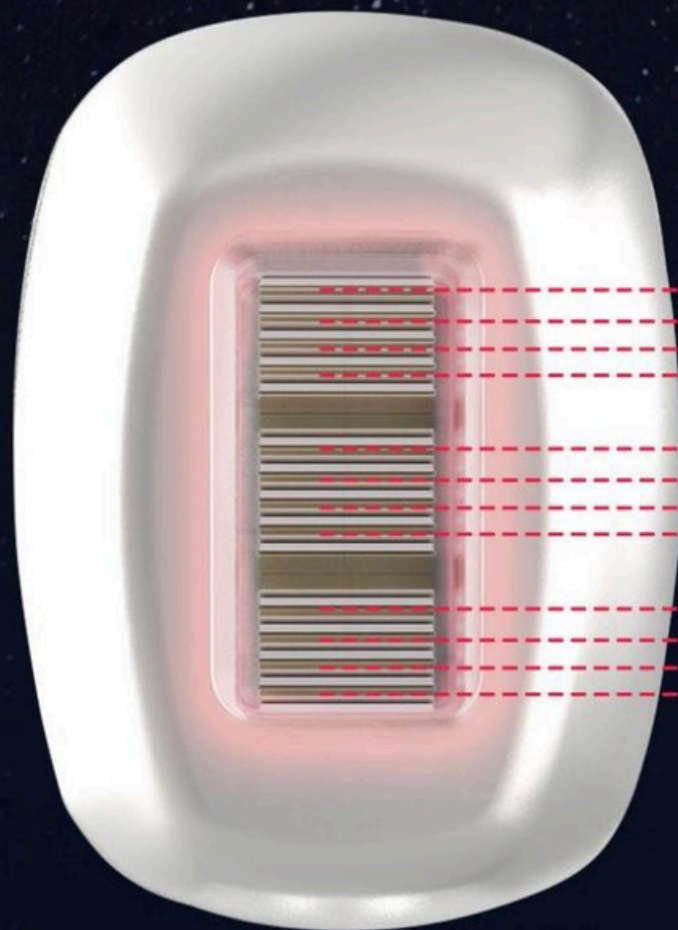
Density: $10\text{J}/\text{cm}^2@20\text{ms}$ in 32mm distance

VS



Without FAC: Diffused Beam

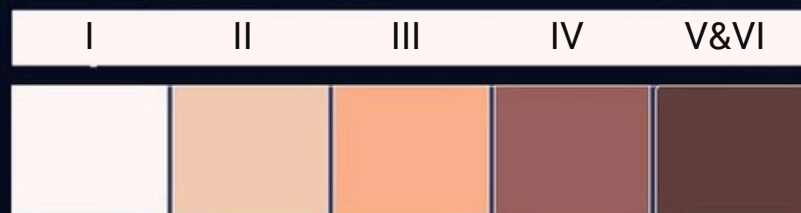
Density: $2\text{J}/\text{cm}^2@20\text{ms}$ in 32mm distance



755nm
808nm
940nm
1064nm

755nm
808nm
940nm
1064nm

755nm
808nm
940nm
1064nm



755NM / 808NM / 940NM / 1064NM

Hair removal for different skin tones

Semiconductor Business Unit
5100 Patrick Henry Drive
Santa Clara, CA 95054

Manufacturing Test Data Sheet

COHERENT

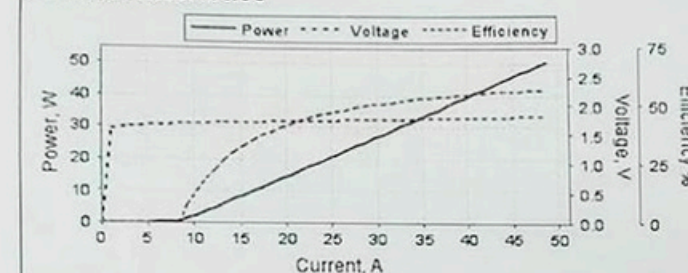
B1-81-50.0C-19-30-A Serial# 711570 SCF21 01/18/23 12:28:02 PM

Test: BBI Part number: 1398433

Rev. # 5.5.2

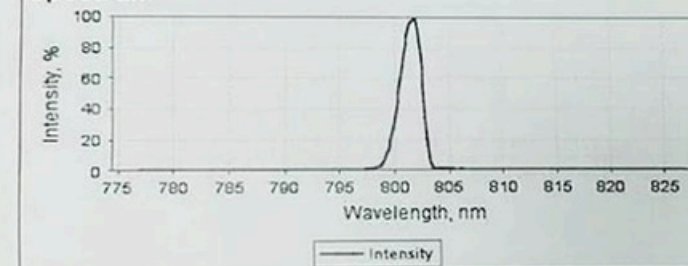
Notes: Box # 58788.1

PVI characteristics



Pop, W	50.00
Iop, A	48.29
Ith, A	8.47
Slope Eff, W/A	1.26
Eff. @Iop, %	56.88
Max Eff, %	56.90
Rs, mOhms	3.1
V@Iop, V	1.82
Vf, V	1.68
T, C	25.1

Spectrum



Peak wavelength, nm	801.85
Centroid wavelength, nm	801.39
FWHM, nm	2.29
FW90% Energy, nm	3.13
FW10% Max, nm	3.88
FW20% Max, nm	3.31
T, C	25.04

Note: The above values are actual test results.
These values may vary from device to device.

Sign-off: *Allen*



By Original American Coherent laser technology, the original bars are adopted in the laser generator to ensure that the output is stable and sufficient. The high quality bars guarantee a super zlong life span of the lase.



COHERENT

Significant Effect



Before



After



Before



After



Before



After



Before



After

Advantage

- 15.6 inch screen with USB port
- Leak-proof, 6-liter 10mm thick transparent acrylic tank
- 40um level of built-in filters for bidirectional flushing
- MEAN WELL power supply with overcurrent protection

Model	AresLite®
Technology	Non-crystal Diode Laser Hair Removal Technology
Wavelength	4 wavelengths 755nm Alexandrite laser + 808nm Diode laser + 940nm + 1064nm Yag laser
Spot Size	Φ6mm / 12*12mm / 12*24mm / 12*36mm
Laser Device (Laser bar)	USA Coherent imported laser device
Laser Device Energy	1800W/3000W
Touch Screen	15.6 inch Android color touch screen 4 inch color touch screen
Pulse Width	1-400ms
Frequency	1-20Hz
Output Power	5000W
Cooling System	Air + Water +TEC Cooling+ Semiconductor + Software
Voltage	110V/220V; 50Hz-60Hz

