

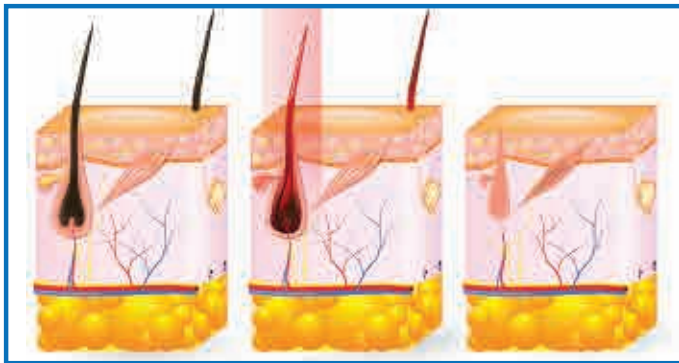
THE LAST TECHNOLOGY IN IRON DIODE LASER **FCD**
FIBER OPTIC IRONING DIODE LASER EPILASION!

- THE WORLD'S LIGHTEST HEAD (300 gr)
- ICE HEAD
- total body in 20 minutes
- average 60 million shots 20 million guarantee
- 800 WATT



ADELA 810 ++ FCD is THE FIRST AND THE ONLY "Ironing Diode Laser Hair Removal Device" in the world that working with Hybrid & Fiber Optic technology. Diode bars in the head that are used in the old technology of Ironing Diode Laser devices are no more used in this technology. The energy which is produced by the generator inside the device is carried to the head with zero loss by the fiber optic system. Thanks to this technology, the lifetime of the head is at least 4 times longer. While the operating temperature in prior technology is 25 ° -30 °, this technology provides the comfort of possibility to work up to 45 ° heat. The weight of the head is at least 4 times lighter. 24- Hours non-stop application facility. Faster and safer working environment. The energy is more equal with this device, so the pain is minimum.

ADELA 810++ WORK PRINCIPLE



1. 2. 3.

1. 810nm Laser Functions
2. Laser light is absorbed by melanin in the hair, accumulates in the follicle and turns into high temperature
3. Due to the heat, hair burns and pours, the treatment ends successfully

ADELA 810++ ADVANTAGES

1 WHAT IS FCD HYBRID & FIBER OPTICAL IRONING DIODE LASER?



ADELA 810 ++ FCD is THE FIRST and THE ONLY "Ironing Diode Laser Hair Removal" device in the world working with patented Hybrid & Fiber Optic technology. Diode bars in the head that are used in the old technology of Ironing Diode Laser devices are no more used in this technology. The energy of 800W power in the device is produced by the advanced technology Diode Laser, manufactured in Germany, and carried to the head with zero loss in the fiber optic system. Thanks to this technology, the head lifetime is at least 4 times longer. While the operating temperature in prior technology is 25 ° -30 °, this technology provides the comfort of possibility to work up to 45 ° heat. It happens due to the circulation of the cooling water with Macro channels, which is 8 times wider than with micro channels. In this case, like as

in the Micro channels, the water circulation does not stop due to residues that occur in the water and the cooling always successfully continues. The weight of the head is at least 4 times lighter. 24- Hours non-stop application facility. Faster and safer working environment. The energy is more equal with this device, so the pain is minimum.

Other Diode Laser systems consist of 4 to 11 diode bars. There are gaps between these bars, they work fine and vertically; In the other Diode Laser systems, the energy is provided thanks to the diode bars in the head, the number of which varies from 4 to 11. There are gaps between these bars, they work fine and vertically; After some time, any of the bars will be working, producing the same energy. While one will be producing 100W, the other may produce 70W. Sometimes, even 1-2 of them is burnt out, it is not impossible to figure it out. When 500W energy is supposed to be produced, actually, it might produce only 300W. Once you can't make a shot with an equal energy, the light usually distributes in a wavy, thin and long way. When using **ADELA 810 ++ FCD** Patented Hybrid & Fiber Optics technology, you work with the most powerful energy in the world at 800W and the produced energy is carried to the head with zero loss due to Fiber Optic system. Thanks to the special technology, the constant energy is always distributes to the application zone. Thus, equal and strong energy is reached everywhere. This brings together the best results, minimum pain, the coldest ice head, the least device malfunction, the cheapest session maintenance cost and the highest customer satisfaction.

2 800W FIBER LASER POWER



ADELA 810 ++ 3 times more powerful than the other devices of its group. One of the most important features of the laser devices used in epilation is the laser power that the head has. The laser power is of utmost importance in order to heat the hair roots quickly and effectively, to break the hair roots and achieve permanent hair removal. Generally, ironing diode laser devices are used in the range of 400 - 600W. The new technology fiber optic ironing system provides unique efficiency with 800W power.

3 EQUAL AND REGULAR ENERGY DISTRIBUTION



In this new system, energy is produced in the generator and reaches to the head with 0% loss with fiber optic cable. Thanks to this, total 800 watts energy with zero loss is distributed to the application zone. In the old technology, there are 5 to 10 bars in the head. The duration of energy usage in these bars due to problems like the ones with micro channels, could never be equal and always turns into energy loss

4 ULTRA LIGHT HEAD SYSTEM



ADELA 810 ++ is THE ONLY device in the world with "LIGHT & FIBER OPTIC IRONING DIODE LASER" head (300 gr.) The **ADELA 810 ++** does not have diode laser bars in the head. The energy is produced in the Diode Laser generator inside the device and is delivered to the head with the fiber optic system. Due to this, the head is much lighter and more useful than in the other technologies. You will experience this comfort in extended practice sessions and you will see the difference !!!

5 TECHNOLOGY WITH SHOT APPLICATION THAT COVERS THE WORLD'S WIDEST EPILATION AREA



ADELA 810 ++ uses the world's FIRST AND NEW technology known as "Hybrid and Fiber Optic" technology. In this system the head with Diode bars is not used. Energy is produced in the generator inside the device and transmitted to the head with the Fiber Optic Cable. In this respect, the lifetime period of the head is extended to at least 4 times. (Total shot exceeding to 60,000,000 / At least 20,000,000 shots are guaranteed) The most important thing to note when calculating these shot numbers is that with 800W zero loss energy, it is enough to do application maximum 2 times in each zone. In other Diode Lasers you should do application 8 times; In this case the guarantee of this device should be calculated as at least 4 times as compared to the other devices. Summing up, using this

technology you can apply 10.000 - 12.000 shots within 20 minutes, when using another Diode Laser devices, this number can vary up to 40.000 - 50.000 shots and lasts for 1-1.5 hours. The atmosphere temperature shouldn't exceed + 25 ° - 30 ° while using other devices, while using this technology it can even reach the temperature up to + 45 ° degree . The head weight is at least 3 times less than in the other models. (300 gr).

6 TOTAL BODY EPILATION SESSION IN 20 MINUTES



ADELA 810 ++ is the device with the highest Laser power in the world. Due to Fiber Optic technology, it transmits the laser beam with 800W power to the head with equal zero energy loss. If you need to pass 8-10 times in the same zone when using the other devices, it is enough to pass only 2 times in the same zone with the **ADELA 810 ++** heading. So you can complete a complex body epilation session in a short time like 20 minutes. It is the fastest technology in the world !!!

7 10 Hz SHOT IN A MINUTE WITH JET SMOOTH IRONING TECHNOLOGY



Thanks to **ADELA 810 ++**, Jet Smooth ironing technology, instead of giving the total energy at once in 1 second, you can give the total necessary energy in 1 second by dividing it to 2-10 equal energies. These intermittent energies within 1 second accumulate in the hair follicle and forming the total energy it should have. Thanks to this, the pain is reduced to a minimum. This technology rescues you from pain and allows you to do rapid ironing epilation.

8 ICE HEAD



Thanks to this technology, the Sapphire part of the application head is cooled to 5 ° / -5 ° degrees. During application, the head cools the skin and the pain is reduced. The risk of burning is minimal.

9 810nm WAVE SIZE



The most important part in epilation applications, which should be certainly paid attention to, is the 810 nm wavelength. In this case, the energy and hemoglobin absorbed by the water, is kept at a minimum level, enabling the energy required for the hair root to be reached.

10 HYBRID HEAD TECHNOLOGY



There are many important criteria of the device, that the user can be pleased with to leave an impression of it as 'a very efficient device'. The first one is the end result it brings and the second one is the special head features. The lifetime period of the head is long, it is light, has the "ice-head" feature, which relieves the customer during application and stays permanent cool during epilation ...

11 WHAT IS THE TOTAL BODY COST PRICE?



Generally, any of Diode laser device manufacturers give an exact answer to this question. They always mention the total number of shots or the number of guaranteed shots. This is absolutely wrong. For example, in **ADELA 810 ++** Fiber Optic technology, 800W energy is used with zero loss, so it would be enough to pass twice in the same area. This means an average of 10,000 to 11,000 shots for complex body epilation. However, in other technology, Micro Channel Diode Laser devices, Soprano, Clear Light, Sense, Cheveux, Vikini, etc., you have to pass 6-10 times in the same region. That means 40,000-60,000 shots. According to this data, it is efficient that you count the number of sessions you have made, not the number of shots your device has made. The **ADELA 810 ++** guarantees 20,000,000 shots; This is the guarantee of 2,000 Total Body Sessions when we use 10,000 shots for each. Please refer to the above calculation when comparing all devices to get the guaranteed number of shots and total shots. It is the cheapest technology in the world !!!

12 LACK OF MAINTENANCE AND FILTER PROBLEM



The other diode laser devices have the 'bar technology' in the head. These devices manufactured with 0.2 mm micro channels for the water system. The water you use should be of a very good quality and should be especially pure. It is necessary to change this pure water very often and make constant maintenance. The core issue of this maintenance is the frequent change of the filters. If you do not conduct these maintenance well or if you do not change the filter, the most expensive piece of the device will make a breakdown. The energy used in the **ADELA 810 ++** technology is produced in the Diode Laser Generator located inside the device, not in the bar, therefore, the cooling channels used in the thread has size of 8 mm. (40 times thicker in comparison to the old system). Thanks to this technology , any of the problems mentioned above are to occur. Even you may use good water instead of pure water, it is not efficient . This explains that the **ADELA 810 ++** device has a true Ice Head feature and that the head remains cold during all the period of application.

13 10.4" LCD SMART TOUCH SCREEN



ADELA 810 ++ parameters are pre-set according to the application zone. With these parameters, it is possible to operate easily with 10.4 "LCD Smart Touch Screen.

14 CE CERTIFICATE



As you know, all devices are known to have a CE certificate. However, there is a very important issue that one need to know in this regard. CE declaration; The manufacturer or vendor declares and signs that the device conforms to CE standards. Afterwards, he sends it to you. However, when signing it, it is necessary to obtain the LVD and EMC test report from CE certificated from Europe. They usually do not send these reports to you for they usually give you these declarations without these reports. However, **ADELA 810 ++** have all these reports available w together with device.



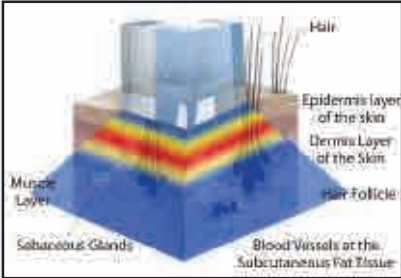
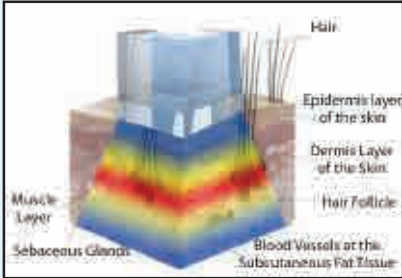
15 FDA APPROVAL



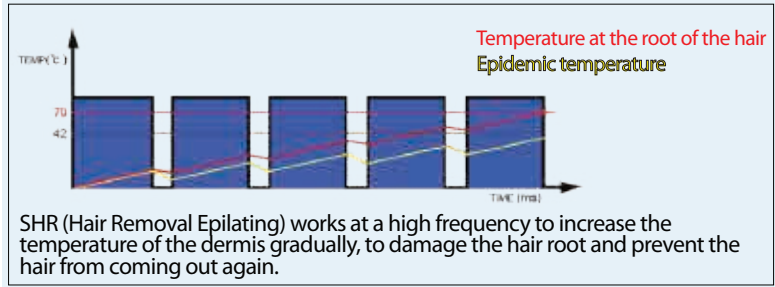
As it is known, many devices have FDA approval. However, this often is unreal. When you click on the provided links, there is no resemblance between the devices supplied and the device sold or the technology used is given. The major thing is that FDA given on behalf of the Company and the Device. We have the actual FDA given to our Device and Technology.

EQUAL ENERGY DISTRIBUTION

For more precise and effective epilation, Hybrid & Fiber Optic Ironing Diode Laser is designed with a small separation angle and laser and equal energy distribution.

	Old Technology Vertical Laser	New Technology Fiber Optic Diode Laser
<p>Old Technology Micro Channel Vertical Diode Laser</p>		<p>New Technology Fiber Optic Diode Laser Generator</p> 
<p>Distribution Of The Energy In An Uncessary Shape</p>		<p>Equal and Correct Distribution of the Energy</p> 

HOW SHR (IRONING EPILATION) WORKS?

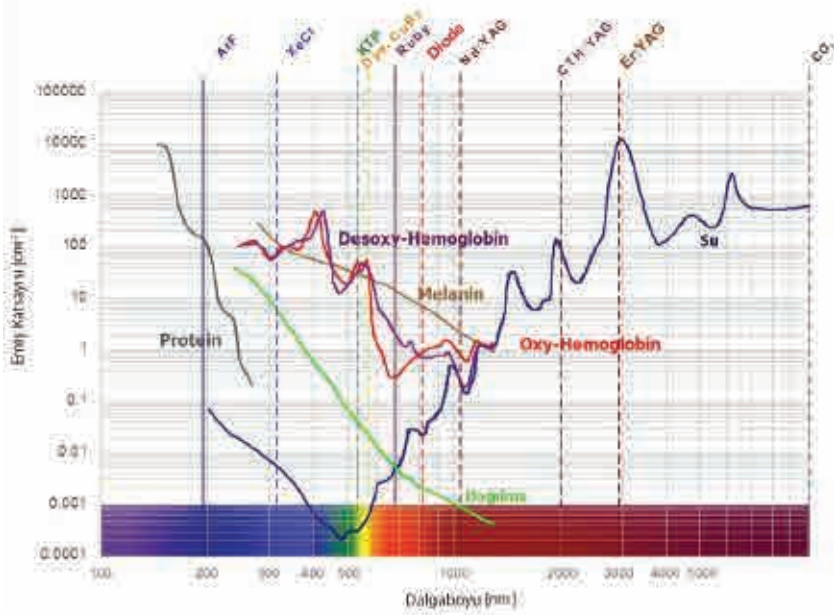


ADELA 810⁺⁺ is the first Hybrid & Fiber Optic Ironing Diode Laser in the world. The **FCD** laser is located in the main system instead of the header. This means that the laser energy is sent by the fiber to the target zone, which increases the energy efficiency and prolongs the head lifetime. The lighter head makes the application more practical for users, while maximizing the comfort of the customers with powerful cooling technology.

LASER EPILATION TECHNOLOGY TABLE

Hair Removal Method	Waveform	Advantages & Disadvantages
Alexandrite Laser	755nm	<ul style="list-style-type: none"> • Not successful while being applied on dark skin with light hairs, is ineffective in the face area • Requires 4-15 sessions • Because of the small head size, the epilation time is long, it is a very painful method, there are too many burns, the cost of the session is very high
Long Plus Nd:YAG LAZER	1064nm	<ul style="list-style-type: none"> • Long wavelengths penetrate deeply, so there is maximum pain and maximum skin damage. It is the least preferred system in epilation. Generally used in vascular treatment • Requires 6-12 sessions • Because of the small head size, the epilation time is long, it is a very painful method, there are too many burns, the cost of the session is very high
808 nm DIODE LAZER	808nm	<ul style="list-style-type: none"> • Single wavelength • Requires 5-7 sessions, the oldest Diode Laser technology found in 2005 and is mainly used in Korea and Far East equipment • With ironing technology, it can make rapid epilation, it is a painful epilation system, the head is heavy, frequent burns and breakdowns in the bars of the head, the head warranty period is short
810 nm DIODE LAZER	810nm	<ul style="list-style-type: none"> • Single wavelength • Requires 5-7 sessions, replacing 808 nm Diode Laser technology in 2011 with Diode Laser technology • You can make rapid epilation with ironing technology, little painful epilation system, the head is heavy, burns and breakdowns occur in the bars of the head not so often but still, the head warranty period is short
Fiber Optic Ironing Diode Laser 810 nm	810nm	<ul style="list-style-type: none"> • Single wavelength, great absorption, deep penetration, equal energy to every point • Requires 3-5 sessions, is the latest Diode Laser technology released in 2015 • Thanks to the ironing technology, rapid epilation can be done, it is the most painless epilation system, the head is very light, there is no bar in the head. No malfunction and no maintenance is required. The cooling system works very well due to a macro channel; the warranty period is at least 4 times more in comparison to the old Technologies

810nm DIODE LASER - SAFE AND EFFICIENT



The 810nm laser is mostly absorbed by melanin in hair root. This is a gold standard for epilation.

Available for all of skin types.

Without any side-effect, comfortable and painless treatment.

TECHNICAL PARAMETERS

ADELA 810 ⁺⁺	
Laser Type	® Hybrid & Fiber Optic Ironing Coupled Diode Laser
Wavelength	810nm
Laser Power	800 W
Pulse Width	7-600 ms
Energy Intensity	1-120J/cm2
Shot Frequency	1-10Hz
Skin Type	VI Skin Type (Between Lightest and Darkest Skin)
Treatment Method	Ironing / Manual
Head Spot Dimension	12mm x 12mm
Cooling System	Sapphire Head Water and Air Cooling System
Cooling Grade	-5°
Screen	10.4inch LCD Smart Touch



CLINICAL DATA



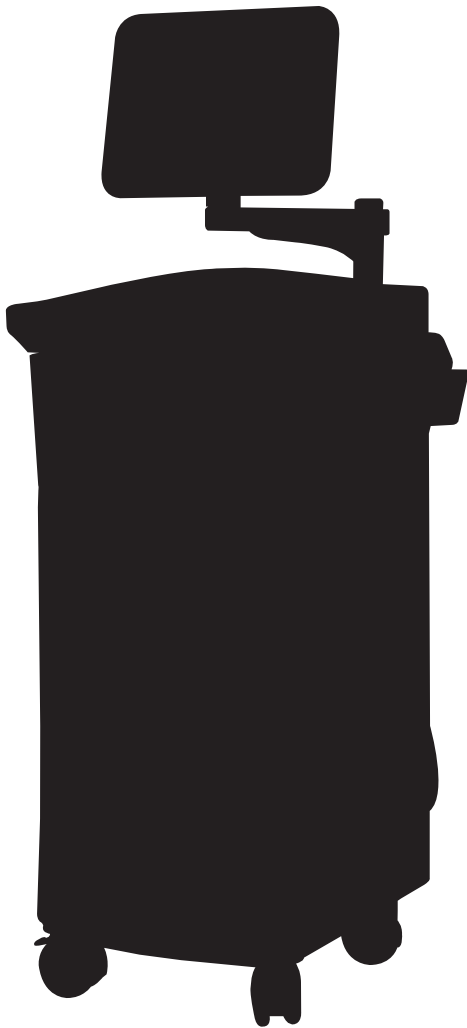
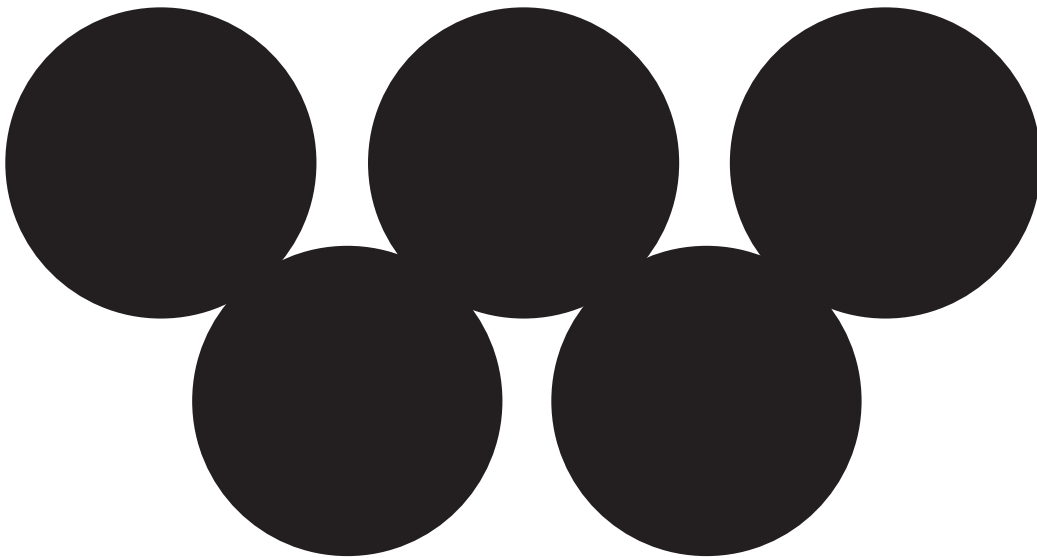
DIODE LASER TECHNOLOGY COMPARISON TABLE

Laser Type	Diode in Micro Channel Head Bar Laser System 808 nm	Diode in Micro Channel Head Bar Laser System 810 nm	Fiber Optic Ironing Diode Laser 810 nm
Laser Power	Maximum Laser Output Power 600W	Maximum Laser Output Power 600W	Maximum Laser Output Power 800W
Technology Released YEAR	2002 year	2011 year	2015 year
Pain	Much	Little	Very Little
Electricity Consumption	High	High	Low
Atmosphere Temperature necessary for application	20°C - 27 °C	25 °C - 30 °C	20 °C - 40 °C
Available Water Quality	Deionized Water	Deionized Water	Pure Water
Skin Damage probability	May cause Irritation / Small Burns	May cause Irritation / Small Burns	May cause Irritation
Head Weight	800 - 1400 grams	600 - 1300 grams	300 grams
Maintenance and Filter Change Needs	Filter Change Every Six Months/ Water Change per Month	Filter Change Every Six Months/ Water Change per Month	Filter Change per Year/ Water Change Every Six Months



| ADELA 810⁺⁺ |

HYBRID & FIBER IRONING DIODE LASER TECHNOLOGY



LOKAL LAK



ADELA 810⁺⁺
HYBRID & FIBER IRONING DIODE LASER TECHNOLOGY

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