

# Shanghai Omni Laser Skinology CO.,LTD



## Painless IPL System



ISO  
13485



Health  
Canada



APOSTILE

Aesthetic and Medical Equipment Manufacturer

# AFT SHR Series

## Comfortable Experience for Patients

AFT (Advanced Fluorescence Technology) SHR Series are very safe, effect and comfortable platform in aesthetic and medical field. AFT is a multi-spectrum pulsed light which is a little narrower than traditional IPL. As 60% patients can't afford or fear the pain treated by traditional IPL, and they refused to do IPL Skin rejuvenation, pigmentation, and Hair removal etc. However, AFT SHR series solve this problem and build a pain-free treatment. At present, AFT SHR series has attracted more and more customers, especially for the skin type IV above.

## Safe System, Simple Operation

AFT SHR series have four models, which have very intelligent and humanistic operation platform. Therefore, AFT SHR series have solved several problems for the photo epilation operator after many years research and investigation.

- I. It's always difficult to adjust the parameters on the display, such as pulse width, pulse delay, pulse sequence, shot interval etc. Even the trained operator will meet these kinds of troubles;
- II. Photo epilation manufacturer will warn operator not to shot the handpiece unless the transmitted crystal is very cooled, otherwise, the handpiece will be burnt. However, the handpiece-burned problem is still happened even the operator watch out very carefully;
- III. Even for the experienced operator, they are still have the puzzle why I can't get the same result even I used the same parameter and the same energy on the same patient?
- IV. The energy output of the xenon lamp will be declined as the shot times grow, most operators know to add the energy, but how much can I add?
- V. Although the rate is very rare for the experienced operator to burn the patients, however, it is still happened when there is problem with the photo epilation device. It is really depressed when they faced the claim. How to avoid this?
- VI. Most operator think it is really hard to do whole-body skin rejuvenation and whole-body Hair removal, as it will cost 2-3 hours to finish it. Could the treatment be fast, safe and effect?

AFT SHR series will bring the "Square-Motion" Technology and solve all these problems for you!





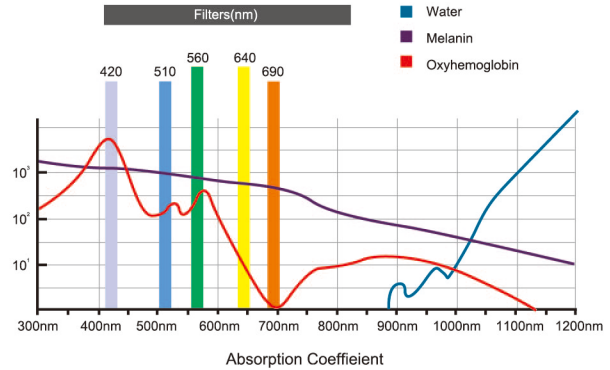




# Technologies

## A. Pain-Free Experience

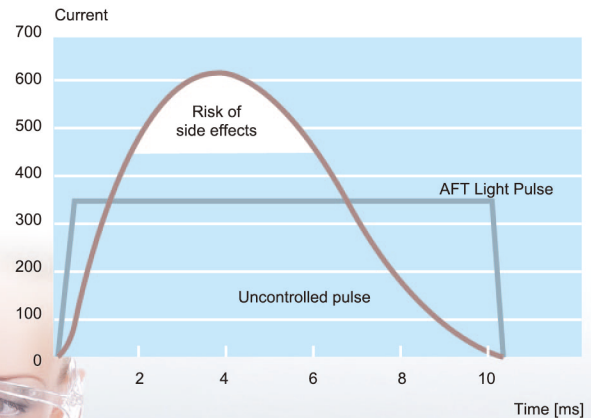
AFT (Advanced Fluorescence Technology) SHR Series are very safe, effect and comfortable platform in aesthetic and medical field. AFT is a multi-spectrum pulsed light which is a little narrower than traditional IPL. AFT with the Wavelength 420nm-950nm give patients a comfortable experience, make them relax and easy do Acne the rapy, skin rejuvenation, pigmentation, vascular therapy and hair removal. Checked the figure 1, it is easy to know that water absorption coefficient become more and more increasively from 950nm. It means the near infrared light from 950nm to 1200nm will absorb a lot of water from target place and make the treatment painful relatively. However, AFT only keep 420nm-950nm wavelength to shoot on patients, stay water on target skin and do the treatment pain-free.



## B. Square-Motion Technology

AFT has applied Square Pulse Technology with stability and uniform of energy which contribute to no side effect such as pain and burn. This technology was experienced and tested well already, which is based on following operator experiences:

- i. FEE (Fluence Emitted Equally) is the first consideration, as FEE is the warranty of the safety treatment.
- ii. Motion Operation is most clients' dream, as motion operation can accelerate treatment time, which can shorten the session time and gets more benefit. However, Square pulse Technology is the Premise of Motion Operation. Shanghai Omni Laser Skinology names Square Pulse Technology and Motion Operation as "Square Motion" Technology. This will be the most favorable treatment foundation in the future.



# Application

1 2 3 4 5 6 7 8 9 0 + - =



Skin Rejuvenation



Hair Removal



Acne Therapy



Pigmentation



Vascular Therapy



# Different Between AFT SHR and Traditional IPL

Item		Traditional IPL	AFT-SHR200/300/600/900/950		Advantages
<b>MODE</b>	Work Mode	Multi-pulse mode	Single pulse mode		Single pulse mode emits the energy averagely, however, multi-pulse mode focus the energy on the first pulse, which is very easy to hurt patients.
<b>TECHNOLOGY</b>	FEE Technology	Unavailable	Available		Make sure the energy output accurate and the same with the display all the time, which makes the operation easy and safe.
<b>OPERATION</b>	Operation Way	Stationary Operation	Stationary Operation and Motion Operation		Only use 1/6 time to do treatment on back, leg and arm compared with traditional IPL machine. Motion operation makes the treatment process much easier and faster.
<b>PARTS</b>	Identified Handpiece	Unavailable	Available		Identified function can help to manager handpieces systematically, avoiding operation mistake, and keep treatment much safer.
	Particle filter & De-ionizer filter	Unavailable	Available		Prolong the life span of handpiece and machine.
<b>PARAMETER</b>	Wavelength	400-1200nm for SR 610-1200nm for HR	420-950nm for SR 610-950nm for HR		Filtered the violet light and infrared light, which can radiate and absorb lots water from target skin. Does not have any side-effect to body.
	Frequency	0.2-1Hz	1-6Hz	HR: 3Hz, 4Hz, 6Hz SR: 2Hz	HR is 9 times, 12 times and 20 times than the IPL treatment, SR is 4 times than IPL treatment, which accelerate the speed of the operation and shorten treatment time.
	Energy	50-60J		HR: 1-7J/cm <sup>2</sup> SR: 1-12J/cm <sup>2</sup>	Control the energy exactly to ensure safety, avoiding to hurt patients by excess energy.
<b>FUNCTION</b>	Self-monitor function	Unavailable	Available	Self-checking function	Show all connected points in the display and monitor them all the time. This function can help us to see where the problem is directly on the display.
				In-scene monitor function	Water temperature sensor Water flow sensor Water level sensor
	Automatic calibration system	Unavailable	Available		Simplify the process of calibrating energy, saving time, more convenient than the traditional IPL machine.
	Charging and Discharging Monitor	Unavailable	Available		Monitor the charging situation in-scene, ensure the energy of each shoot is standard. Keep the treatment safety and effective.

## Advantages

Features	Description	Available for
<b>SHR</b>	(FEE Technology) Hair can be removed 6-9 times faster than traditional IPL.	All Models
<b>Painless</b>	1. Specific wavelength keeps much water in the target skin. 2. FEE technology	All models
<b>Motion operation</b>	Accelerate the operation, save 1/2 treatment time.	All Models
<b>Self-checking, Real Monitor</b>	Monitor the water circulation and identified handpiece all the time, keep safe working all the time.	All Models
<b>Imported lamp from Germany</b>	Comfortable experience and 300,000 shots time at least	All Models
<b>Charging-monitor</b>	Ensure the charging energy correctly, Giving safe and effective treatment.	All Models
<b>Identified handpiece</b>	Safe to work.	All Models
<b>Automatic Calibration</b>	Constant energy output, Simplify operation.	All Models
<b>RS-232 Port for updating</b>	Updated the advanced technology all the time.	All Models
<b>6Hz Frequency for HR</b>	6 shooting times in 1 second	AFT-SHR950A /950B
<b>4Hz Frequency for HR</b>	4 shooting times in 1 second	AFT-SHR900
<b>3Hz Frequency for HR</b>	3 shooting times in 1 second	AFT-SHR100/200/300/500/600
<b>Micro-printer and Customer Management function</b>	Assist to manage clients and save time and energy for purchaser.	AFT-SHR600A/600B/900/950

# AFT-SHR100



*Home Use Model, Mini SHR, Suitable for Smart Spa and Hair Salon*

- Model No.: AFT-SHR100
- Lighting Source: Pure Sapphire
- Wavelength: 420-950nm
- Power: 800W
- Xenon Lamp: Lamp from Germany
- Spot size: 8\*40mm
- Fluence: 1-12J/cm<sup>2</sup>
- Frequency: 1- 2Hz
- Intergrated Cooling: 1-4 degree
- Display: 7" colorful touch screen
- Calibrating machine: Automatic Calibrated
- Water Cooling circulated: Monitored In-scene
- Work Environment: Indoor Use Only
- Machine Size: 28\*26\*39.5cm





# AFT-SHR500

## *Portable Model (Suitable for Spa and Salon)*

Model No.: AFT-SHR500

Lighting Source: Pure Sapphire

Wavelength: 420-950nm for SR or 610-950 for HR

Spot Size: 8\*40mm or 15\*50mm

Handpiece: 1

Power: 1500W

Xenon Lamp: Lamp from Germany

Fluence: 1-12J/cm<sup>2</sup> for 8\*40mm or 1-7J/cm<sup>2</sup> for 15\*50mm

Timer: 1S, 3S & 12S or 1S, 3S & 30S

Frequency: 2Hz or 3Hz

Intergrated Cooling: 1-4 degree

Display: 15" colorful touch screen

Calibrating machine: Automatic Calibrated

Water Cooling circulated: Monitored In-scene

Work Environment: Indoor Use Only

Machine Size: 58\*37\*45cm



# Portable Model Suitable for Spa and Salon



## AFT-SHR200

- Model No.: AFT-SHR200
- Lighting Source: Pure Sapphire
- Wavelength: 420-950nm for SR, 610-950nm for HR
- Power: 1200W
- Xenon Lamp: Imported Lamp
- Spot size: 8\*40mm or 15\*50mm
- Fluence: 1-7J/cm<sup>2</sup> for HR, 1-12J/cm<sup>2</sup> for SR
- Timer: 1S, 3S & 30S for HR, 1S, 3S & 12S for SR
- Frequency: 3Hz for HR, 2Hz for SR
- Intergrated Cooling: 1-4 degree
- Display: 8.4" colorful touch screen
- Calibrating machine: Automatic Calibrated
- Water Cooling circulated: Monitored In-scene
- Work Environment: Indoor Use Only
- Package Size: 78\*68\*48cm



# *Economical Model*

## **AFT-SHR300**

Model No.: AFT-SHR300

Lighting Source: Pure Sapphire

Wavelength: 420-950nm for SR or 610-950 for HR

Spot Size: 8\*40mm or 15\*50mm

Handpiece: 1

Power: 1500W

Xenon Lamp: Imported Lamp

Fluence: 1-12J/cm<sup>2</sup> or 1-7J/cm<sup>2</sup>

Timer: 1S, 3S & 12S or 1S, 3S & 30S

Frequency: 2Hz for SR or 3Hz HR

Intergrated Cooling: 1-4 degree

Display: 10.4" colorful touch screen

Calibrating machine: Automatic Calibrated

Water Cooling circulated: Monitored In-scene

Work Environment: Indoor Use Only

Package Size: 52\*53\*110cm



# *Popular Model Available for the world except Europe Market*

## **AFT-SHR600A**

Model No.:	AFT-SHR600A
Lighting Source:	Pure Sapphire
Wavelength:	420-950nm for SR, 610-950nm for HR
Power:	2400W
Xenon Lamp:	Imported Lamp
Spot size:	8*40mm and 15*50mm
Fluence:	1-7J/cm <sup>2</sup> for HR, 1-12J/cm <sup>2</sup> for SR
Timer:	1S, 3S & 30S for HR, 1S, 3S & 12S for SR
Frequency:	3Hz for HR, 2Hz for SR
Intergrated Cooling:	1-4 degree
Display:	12.1" colorful touch screen
Calibrating machine:	Automatic Calibrated
Water Cooling circulated:	Monitored In-scene
Work Environment:	Indoor Use Only
Package Size:	56*70*143cm





## *Classic Model (Available for **Distributor**)*



### **AFT-SHR600B**

Model No.: AFT-SHR600B

Lighting Source: Pure Sapphire

Wavelength: 420-950nm for SR, 610-950nm for HR

Power: 2400W

Xenon Lamp: Imported Lamp

Spot Size: 8\*40mm and 15\*50mm

Fluence: 1-7J/cm<sup>2</sup> for HR, 1-12J/cm<sup>2</sup> for SR

Timer: 1S, 3S & 30S for HR, 1S, 3S & 12S for SR

Frequency: 3Hz for HR, 2Hz for SR

Intergrated Cooling: 1-4 degree

Display: 10.4" colorful touch screen

Calibrating machine: Automatic Calibrated

Water Cooling circulated: Monitored In-scene

Work Environment: Indoor Use Only

Package Size: 56\*70\*143cm

# AFT-SHR950B



**King in SHR**  
**More than 24 hours**  
**Continuous working time**

- ★ 6Hz Speedy Shot SHR
- ★ 3000W Power supply and 6 Capacitors
- ★ Customer Information Storage and Micro-printer
- ★ SD Card



Model No.:	AFT-SHR950B
Lighting Source:	Pure Sapphire
Wavelength:	420-950nm for SR, 610-950nm for HR
Power:	3000W
Xenon Lamp:	Imported Lamp
Spot size:	8*40mm and 15*50mm
Fluence:	1-7J/cm <sup>2</sup> for HR, 1-12J/cm <sup>2</sup> for SR
Timer:	1S, 3S & 30S for HR, 1S, 3S & 12S for SR
Frequency:	6Hz for HR, 2Hz for SR
Intergrated Cooling:	1-4 degree
Display:	15" colorful touch screen
Calibrating machine:	Automatic Calibrated
Water Cooling circulated:	Monitored In-scene
Work Environment:	Indoor Use Only
Package Size:	62*58*122cm



# Luxury Model Available for Distributor




## AFT-SHR950A


Model No.:	AFT-SHR950A
Lighting Source:	Pure Sapphire
Wavelength:	420-950nm for SR, 610-950nm for HR
Power:	3000W
Xenon Lamp:	Imported Lamp
Spot size:	8*40mm and 15*50mm
Fluence:	1-7J/cm <sup>2</sup> for HR, 1-12J/cm <sup>2</sup> for SR
Timer:	1S, 3S & 30S for HR, 1S, 3S & 12S for SR
Frequency:	6Hz for HR, 2Hz for SR
Intergrated Cooling:	1-4 degree
Display:	15" colorful touch screen
Calibrating machine:	Automatic Calibrated
Water Cooling circulated:	Monitored In-scene
Work Environment:	Indoor Use Only
Package Size:	62*58*122cm






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