

**Aculas-HB-850** is developed from "Laser Biostimulation" theory and "Low Level Laser Therapy (LLLT)" medical theory.

**Aculas-HB-850** is patented and made by using the combination of modern laser diode technology, innovative optics design and computerized digital control.

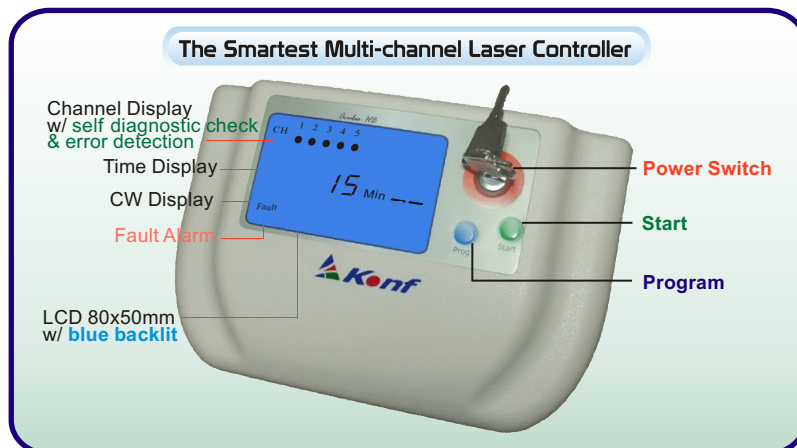


**Aculas-HB-850** has proved its effectiveness in the multiple home treatments for:

- ✔ Alopecia; Hair Loss
- ✔ Acne Vulgaris
- ✔ Wrinkle
- ✔ Wound; Burn; Operation Wound
- ✔ Skin Diseases; Scalp Disorder

## Features

- Five lasers irradiate **simultaneously** with independent channel control to get accurate dosage. The controllable dosage can achieve the best therapy effectiveness.
- Microprocessor-based control with the functions of i) self-diagnostic check, ii) error detection, iii) auto alarm system to detect the faulty channel(s).
- User-friendly single function key to set up the therapy process.
- Dynamic large size (80x50 mm) LCD with **blue backlit** display for clear reading.
- Musical time alarm and auto stop on the completion of the therapy cycle.
- Patented laser modules directly tapped on these treatment points. The complete protection avoids the risk of laser leakage.



## Specifications

### Digital Controller

<b>Operation Environment</b>	0 ~ 40°C (32 ~ 105°F); 10 ~ 95%RH (Non-condensing)
<b>Storage Environment</b>	-20 ~ 85°C (4 ~ 185°F); 10 ~ 95%RH (Non-condensing)
<b>No. of Channels</b>	5
<b>Time Setting</b>	Automatic; 15 Minutes
<b>Frequency Setting</b>	Automatic; CW
<b>Music Alert</b>	Stop and Fault
<b>Power Input Voltage</b>	90V AC ~ 264V AC
<b>Power Input Frequency</b>	47Hz ~ 63Hz
<b>Power Input Current</b>	Max. 1.0A (115V AC), 0.5A (230V AC)
<b>Power Supply Protection</b>	Short Circuit and Overload; Auto Recovery Mode
<b>CE Verification</b>	<b>EMC Directive 93/42/EEC</b>
	(Operation Environment: Medical Electrical Equipment)
	Standard Applied- IEC 60601-1 and EC 60601-1-2
<b>Dimensions</b>	205.7(L) x 256.5(W) x 101.6(H) mm; 8.1(L) x 10.1(W) x 4.0(H) in.
<b>Weight</b>	0.82 Kg (1.8 Lbs)

### Handheld Unit

<b>Laser Module Quantity</b>	5
<b>Laser Material</b>	Semiconductor Laser Diode
<b>Wavelength</b>	660 nm ~ 980 nm; Selectable
<b>Output Power</b>	100 ~ 250 mW; Selectable
<b>Standard Wavelength &amp; Output Power</b>	Selectable
	660nm / 100mW; 250mW
	780nm / 450mW
<b>Weight</b>	980nm / 250mW
	250 g (with connection cable)



### Aluminum Case

<b>Dimensions</b>	375(L) x 285(W) x 115(H) mm;
	14.8(L) x 11.2(W) x 4.6(H) in.
<b>Weight</b>	1.43 Kg (3.15 Lb)



\*The specifications of products are subject to change or modify without notice.