

**Aculas-AM-201** multiple channels laser helmet is developed from "Laser Biostimulation" theory. This patented product is made using the combination of modern laser diode technology and computerized digital control.

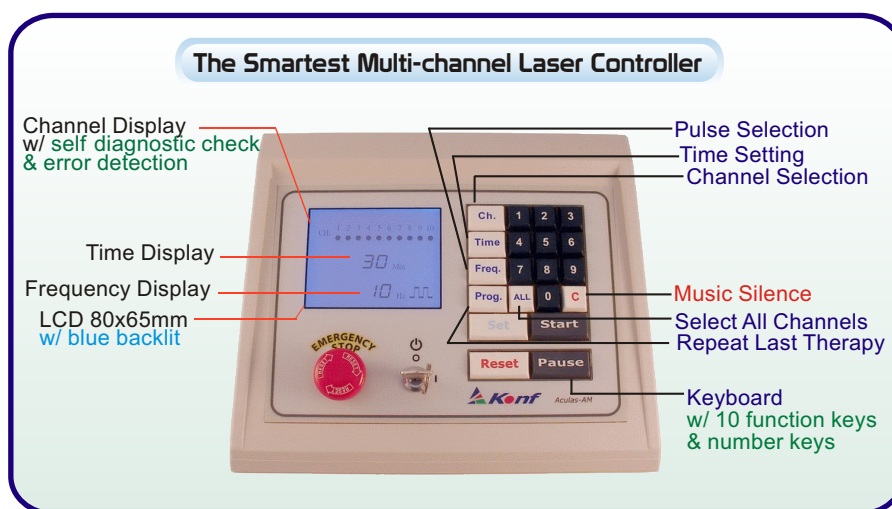


**Aculas-AM-201** is the first LLLT hat for personal application in the world, employed the most advanced laser technology to treat:

- \*Alopecia, Hair Loss
- \*Headache, Migraine
- \*Stroke rehabilitation

## Features

- Laser irradiations reach the treatment area by two simultaneously activated handheld units for convenient operation.
- Laser beams reach the treatment area without piercing through the skin, thus avoiding the irony of traditional needle acupuncture and the inconsistency of correct needle depth.
- Microprocessor-based control, with the functions of self-diagnostic check and error detection, can automatically detect faulty alarm channel(s).
- Color-distinguished keyboard for convenient key-in.
- Ten user-friendly function keys combined with numerical keys for easy setting of the therapy process.
- Dynamic large size LCD with **blue backlit display** for clear reading.
- Selectable continuous wave or pulse output for wider application.
- To set the last therapy process with a single function "Prog." key for time saving and accuracy.
- An optional remote pause switch for safer therapy.



Patented and Patents Pending

## 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>	10
<b>Time Setting</b>	1 ~ 60 Minutes (Min. Setting Segment 1 Minute)
<b>Frequency Setting</b>	1 ~ 1,000 Hz (Min. Setting Segment 1 Hz); 0 Hz for CW
<b>Music Alert</b>	Remote Pause, 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>	EMC Directive 93/42/EEC
	(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>	1.4 Kg (3.1 Lbs)

### Laser Helmet

<b>Laser Module Quantity</b>	10
<b>Laser Material</b>	Semiconductor Laser Diode
<b>Wavelength</b>	660 nm ~ 980 nm; Selectable
<b>Output Power</b>	500 ~ 900 mW; Selectable
<b>Standard Wavelength &amp; Output Power</b>	Selectable
	660nm / 50mW x 10
	780nm / 90mW x 10
<b>Weight</b>	860 g (with connection wire)



### Aluminum Case

<b>Dimensions</b>	530(L) x 300(W) x 185(H) mm
	20.9(L) x 11.8(W) x 7.3(H) in.
<b>Weight</b>	3.63 Kg (8 Lb)



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