

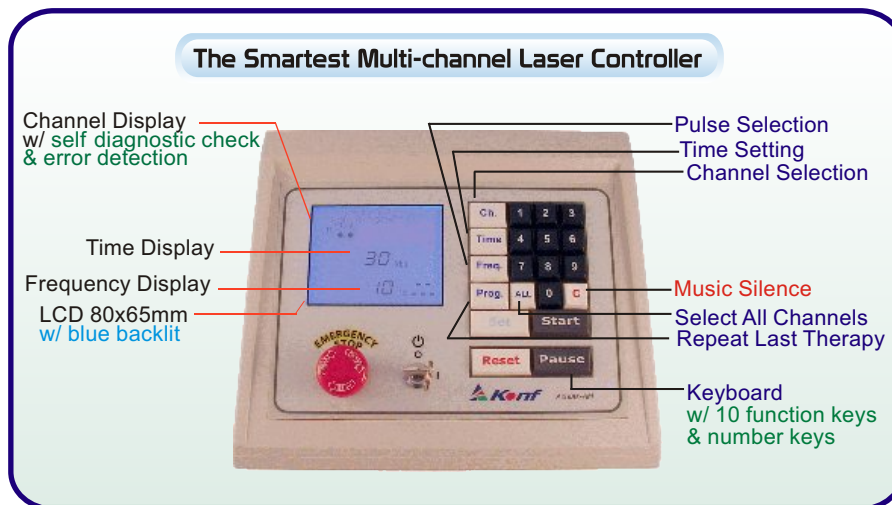
**Aculas-AM-100D** 2-channel laser system is developed from "Laser Biostimulation" theory and "Low Level Laser Therapy (LLLT)" medical approval.

This patented product is made using the combination of modern laser diode technology, innovative optics design and computerized digital control.



## Features

- Laser irradiation reach the acupuncture point by traditional laser probe or auricular laser probe for the best effectiveness.
- Applying the **RED** laser and **INFRARED** laser as the treatment requirement. Simplest exchange of lasers is made by pushing the function key "Prog.".
- 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.



Patented and Patents Pending

## Specifications

### Digital Controller

Operation Environment	0 ~ 50°C (32 ~ 122°F); 10 ~ 95%RH (Non-condensing)
Storage Environment	-20 ~ 85°C (4 ~ 185°F); 10 ~ 95%RH (Non-condensing)
No. of Channels	10
Time Setting	1 ~ 60 Minutes (Min. Setting Segment 1 Minute)
Frequency Setting	1 ~ 1,000 Hz (Min. Setting Segment 1 Hz); 0 Hz for CW
Music Alert	Remote Pause, Stop and Fault
Power Input Voltage	90V AC ~ 264V AC
Power Input Frequency	47Hz ~ 63Hz
Power Input Current	Max. 1.0A (115V AC), 0.5A (230V AC)
Power Supply Protection	Short Circuit and Overload; Auto Recovery Mode
CE Verification	EMC Directive 93/42/EEC (Operation Environment: Medical Electrical Equipment) Standard Applied- IEC 60601-1 and EC 60601-1-2
Dimensions	205.7(L) x 256.5(W) x 101.6(H) mm; 8.1(L) x 10.1(W) x 4.0(H) in.
Weight	1.4 Kg (3.1 Lbs)

### Fiber Rod Laser Module

Laser Material	Semiconductor Laser Diode
Contact Material	Glass Fiber
Laser Beam Spot Size	0.5 cm <sup>2</sup>
Standard Wavelength & Output Power	Selectable 638nm/150mW 660nm/150mW 808nm/250 ~ 460mW



### Aluminum Case

Dimensions	450(L) x 330(W) x 130(H) mm; 17.7(L) x 13(W) x 5.1(H) in.
Weight	1.73 Kg (3.81 Lb)



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