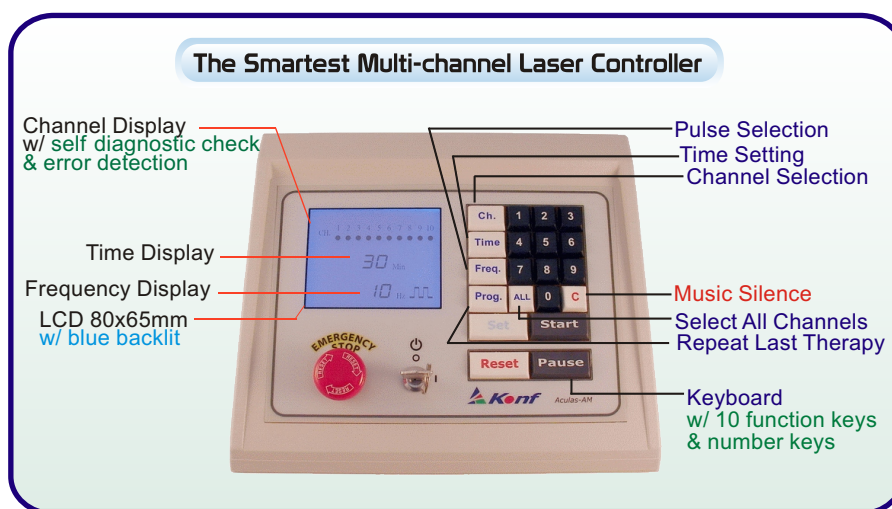


Aculas-AM-102 multiple channels LLLT system is developed from "Laser Biostimulation" theory. This patented product is made using the combination of modern laser diode technology and computerized digital control.



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

Operation Environment	0 ~ 40°C (32 ~ 105°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)

Handheld Unit

Laser Module Quantity	5
Laser Material	Semiconductor Laser Diode
Wavelength	635 nm ~ 980 nm; Selectable
Output Power	100 ~ 500 mW; Selectable
Standard Wavelength & Output Power	Selectable
	660nm / 100mW; 250mW; 500mW
	780nm / 450mW
	980nm / 250mW
Weight	250 g (with connection wire)



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.