

Aculas-AM-100X The multi-channel low level laser therapy system is capable to drive laser modules made by Konftec:

- Taping laser modules
- Laser showers
- Laser probes
- Wrap type laser modules
- Laser helmets
- Laser irradiators

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



Features

- Multi-channel laser control system with the most flexible combination.
- Microprocessor-based control, with the functions of self-diagnostic check and error detection, can automatically detect faulty alarm channel(s).
- 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

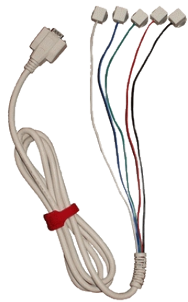
The Smartest Multi-channel Laser Controller




Specifications

Operation Environment	0 ~ 50°C (32 ~ 122°F); 10 ~ 95%RH (Non-condensing)
No. of Channels	Customerized
Time Setting	1 ~ 60 Minutes (Min. Setting Segment 1 Minute)
Frequency Setting	0 Hz for CW (Continuous Wave) 1 ~ 1,000 Hz (Min. Setting Segment 1 Hz)
Music Alert	Stop and Fault
Power Supply	90 ~ 264V AC, 47Hz ~ 63Hz, Max. 1.0A (115V AC), 0.5A (230V AC) Short Circuit and Overload Protection; 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
Medical Device Certificate	ISO 13485: 2003 GMP (Good Manufacturing Practice)
Dimensions	40(L) x 23(W) x 79(H) cm; 15.7(L) x 9.1(W) x 31.1(H) in
Weight	15 Kg (33 Lbs)


Standard Accessories







Taping Laser Module		
Quantity of Laser Module	5	
Laser Material	Semiconductor Laser Diode	
Laser Wavelength ...Output Power	405nm ...25mW 520nm ...15mW 635nm ...50mW 660nm ...50mW 780nm ...80mW 808nm ...80mW 980nm ...80mW	
Laser Beam Spot Size	0.1 cm ²	

Laser Shower		
Quantity of Laser Module	5	
Laser Material	Semiconductor Laser Diode	
Laser Wavelength ...Output Power	405nm ...500mW 445nm ...500mW 635nm ...1,000mW 660nm ...750mW 808nm ...1,000mW	
Covered Area	22 cm ²	


Standard Accessories

Handheld Laser Module	
Quantity of Laser Module	5
Laser Material	Semiconductor Laser Diode
Laser Wavelength ...Output Power	405nm...100mW 445nm...100mW 635nm...220mW 660nm...150mW 808nm...460mW
Laser Beam Spot Size	0.13 ~ 3 cm ²
Housing Material	Stainless Steel




Laser Optic Cap & Fiber Rod (6 pcs)						
Type of Cap	Cap-A	Cap-C	Cap-D	Cap-E	Cap-N	Cap-S
Reference Picture						
Laser Beam Spot Size	0.13 cm ²	0.5 cm ²	0.5 cm ²	0.13 cm ²	End Dispersion	3 cm ²
Applications	Acupuncture & Single Point	Acupuncture & General	Dental	Auricular Acupuncture	Nasalis	Multiple

Wrap Type Laser Module	
Quantity of Laser Module	5
Laser Material	Semiconductor Laser Diode
Laser Wavelength ...Output Power	660nm / 50mW 780nm / 50mW 808nm / 50mW



Laser Helmet	
Helmet Material	ABS
Quantity of Laser Module	10
Laser Material	Semiconductor Laser Diode
Laser Wavelength ...Output Power	660nm...900mW (10 x 90mW) 780nm...900mW (10 x 90mW) 808nm...900mW (10 x 90mW) 980nm...500mW (10 x 90mW)



Standard Accessories

Laser Irradiator	
Quantity of Laser Module	20
Laser Material	Semiconductor Laser Diode
Laser Wavelength	635nm...100 mW x 20
...Output Power	660nm...100 mW x 20 780nm...100 mW x 19 808nm...100 mW x 19
Laser Effective Area	314 cm ² (Recommended Height 30 cm)
Housing Material	Stainless Steel

