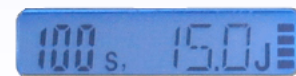


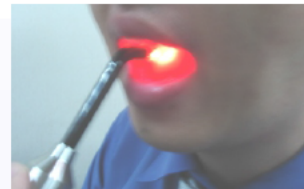
**Klas-DX** is a portable LLLT device specially designed with:

- **Automatic Laser Dose Setting & Display**  
 automatically calculate laser dose from laser power & time settings  
 simultaneous laser dose(Joule) & time(second) settings  
 incremental laser dose(Joule) & decremental time(second) indications
- **Automatic Laser Dose Control**  
 acoustic beep for each Joule during operation  
 automatic stop and beep alert after reaching the setting dose  
 repeat the last setting dose by pressing one button
- **Exchangeable Laser Module by The User**
- **Exchangeable Optic Caps**



**Klas-DX** is provided as the most intelligent and convenient laser dose unit for the professional practitioners to apply the LLLT treatments:

- Laser acupuncture
- Auricular laser acupuncture
- Dental applications
- Nasalis applications
- Other multiple applications



## Features

Effective	<ul style="list-style-type: none"> <li>▶ Constant laser intensity of each laser module is maintained by: Innovative optics design leads to the maximum output laser power.</li> <li>▶ Advanced integrated circuit designed for laser module by Konftec with automatic power control (APC) to maintain the specific power output.</li> <li>▶ Industrial grade laser diodes with temperature rating of 60 °C and MTBF (Mean Time Between Failures) &gt; 5,000 hours.</li> </ul>
Safe	<p>Konftec's integrated circuit design for all laser modules provide full protection of:</p> <ul style="list-style-type: none"> <li>▶ EDS (Electrostatic Discharge)</li> <li>▶ Over-temperature</li> <li>▶ Under-voltage</li> <li>▶ Soft-start</li> <li>▶ Short-term reverse battery connection</li> </ul>
User Friendly	<ul style="list-style-type: none"> <li>▶ Intelligent program start/stop switch for the simplest operation, can easily be used by practitioner.</li> <li>▶ Powered by rechargeable Li-ion battery module which provides Klas-DX61 approximately 4 hours continuous operation.</li> </ul>

## Specifications

Operation Environment	0 ~ 50 °C (32 ~ 122°F); 10 ~ 95%RH (Non-condensing)
Power Supply	Li-ion Rechargeable Battery Module
Laser Material	Semiconductor Laser Diode 635nm...GaAs 660nm...AlGaInP 808nm...AlGaAs
Laser Wavelength & Output Power	635nm...220mW 660nm...150mW 808nm...250 ~ 460mW
Laser Dose Setting	0.1 ~ 99.9 J (Joule)
Time Setting	1 ~ 999 S (Second)
Housing Material	Stainless Steel or Aluminum Alloy
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
Dimensions	Max. 210(L) x Ø26 mm; 8.4(L) x Ø1 in.
Weight	Max. 250 g (8.8 ounce)

## Standard Accessories

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 <sup>2</sup>	0.5 cm <sup>2</sup>	0.5 cm <sup>2</sup>	0.07 cm <sup>2</sup>	End Dispersion	3 cm <sup>2</sup>
Applications	Acupuncture & Single Point	Acupuncture & General	Dental	Auricular Acupuncture	Nasalis	Multiple
Li-ion Battery Module (2 pcs)			Laser Safety Goggle (2 pairs)			
Li-ion Battery Charger			Aluminum Case			