

EXCIMER LIGHT MACHINE TRAINER

Model Number : GOTT-ELMT-01



DESCRIPTION

GOTT-ELMT-01 is designed to demonstrate the operation, theory, repair and servicing of Excimer Light Machine equipment that used at clinics & hospitals.

An Excimer Light machine is a handheld system for intense monochromatic UVB therapy, treating autoimmune diseases of the skin such as Psoriasis and Vitiligo using a 308nm wavelength which replicates the wavelength of the excimer laser.

A fault simulator is provided with circuit block diagram of the device for the students to study theoretically and experimentally in order to understand the operation of the device.

The fault is activated by button that disables or create malfunction of certain circuit or components so that the device become faulty. Based on the symptoms and the signal at the test points, the students then do the troubleshooting exercise to find the faulty circuit or components. After locating the failure, the fault can be reset, and then the device work normally.

FEATURES

- Real Intraoral Excimer Light Machine unit
- High quality industrially accepted component
- Bold color identification of circuits
- Designed to simulate common faults
- Detailed instruction & experiment manual

SPECIFICATIONS

- Light source : XeCl Excimer Light
- Wavelength : 308nm±2nm
- Energy density : 50~4500mJ/cm²
- Limit power density : 50mW/cm²
- Circuit Block Diagram of Excimer Light Machine
- Electrical Test Points
- Fault Simulation

EXPERIMENT TOPICS

- Understanding Excimer Light Machine Unit
- Block Diagram Excimer Light Machine Explanation
- Operating The Excimer Light Machine Unit
- Troubleshooting of Water Flow Sensor
- Troubleshooting of Water Level Sensor
- Troubleshooting of Radiator Cooling Fan
- Troubleshooting of Water Temperature
- Troubleshooting of Power Supply

Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
EXCIMER LIGHT MACHINE TRAINER	GOTT-ELMT-01	200-423

* Proposed design only, subject to changes without any notice