

LC-122

A Single Source for Maximum Protocol Flexibility for PDT



- The Affordable PhotoDynamic Therapy Activation Method
- Total Protocol Flexibility ANY Frequency (400nm - 800nm)
- Capable of Performing Fluorescent Diagnostics
- Utilize PDT Procedures in Clinician or Practitioner Office
- Safer than a Laser
- The Low Cost Effective Replacement to Laser Activation

Single Solution

The LumaCare LC-122 is making Photodynamic Therapy (PDT) an affordable and practical treatment methodology. This single device can produce the entire spectrum of visible light. Multiple protocols can now be activated by one LC-122, eliminating the high cost of lasers.

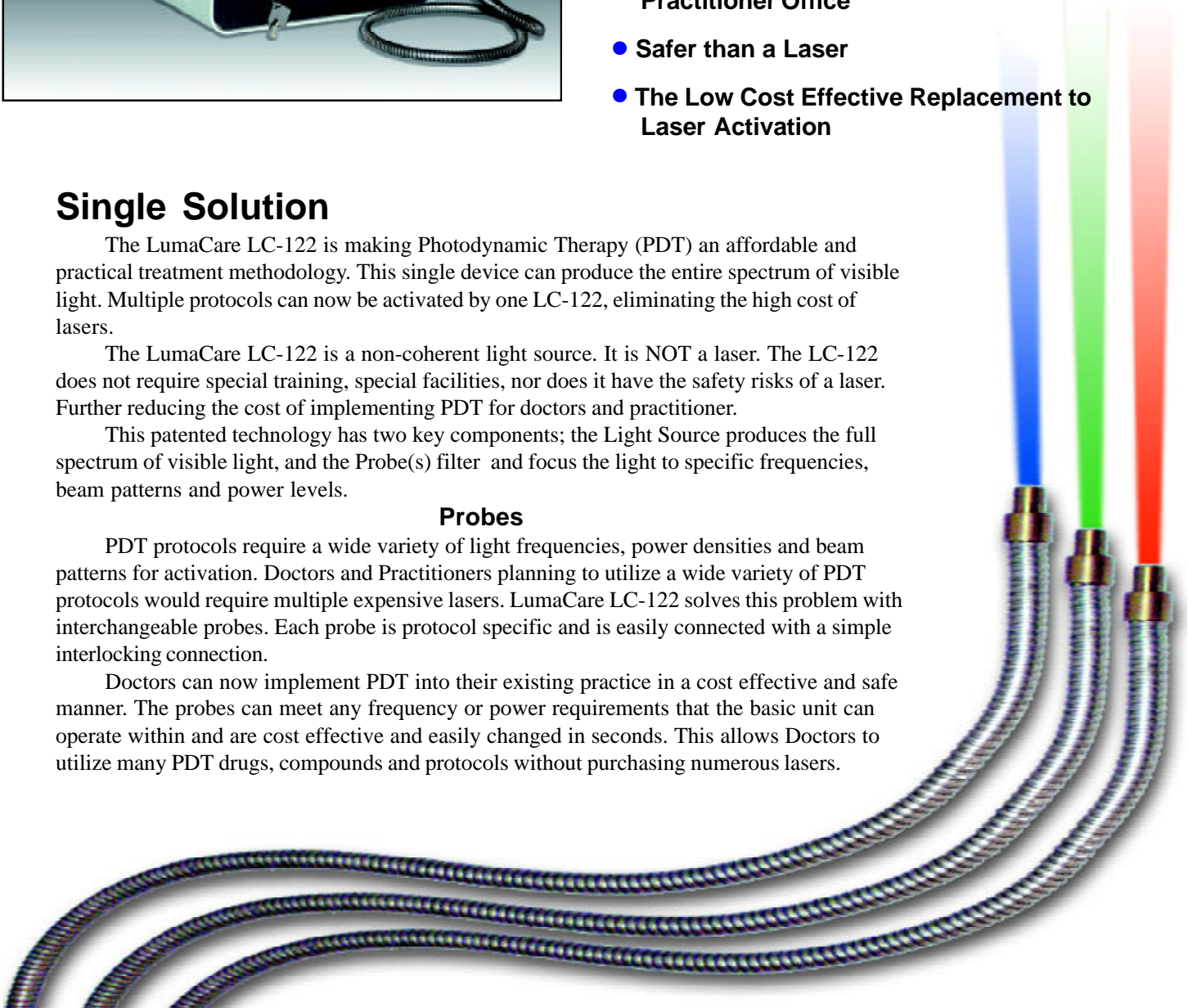
The LumaCare LC-122 is a non-coherent light source. It is NOT a laser. The LC-122 does not require special training, special facilities, nor does it have the safety risks of a laser. Further reducing the cost of implementing PDT for doctors and practitioner.

This patented technology has two key components; the Light Source produces the full spectrum of visible light, and the Probe(s) filter and focus the light to specific frequencies, beam patterns and power levels.

Probes

PDT protocols require a wide variety of light frequencies, power densities and beam patterns for activation. Doctors and Practitioners planning to utilize a wide variety of PDT protocols would require multiple expensive lasers. LumaCare LC-122 solves this problem with interchangeable probes. Each probe is protocol specific and is easily connected with a simple interlocking connection.

Doctors can now implement PDT into their existing practice in a cost effective and safe manner. The probes can meet any frequency or power requirements that the basic unit can operate within and are cost effective and easily changed in seconds. This allows Doctors to utilize many PDT drugs, compounds and protocols without purchasing numerous lasers.



The Light Source

The Light Source is simple, consisting of the non-coherent light source capable of producing almost the entire spectrum of visible light. Having the entire visible light spectrum available allows the LC -122 to produce almost any frequency of light for a wide variety of PDT protocols.

The LC-122 is compact, lightweight, and portable. The LC-122 can be taken to multiple treatment rooms and increase the number of patients treated.

The LC-122 is the only Light source you need for your entire PDT practice!

LumaCare Achieves Clinical Functionality for PhotoDynamic Therapy

One device delivers the full spectrum of visible light. Doctors and Practitioners can utilize a single device to activate multiple PDT protocols.

“...we owe much to you for getting us started on this remarkable path.”

“... using the lamp for our in vitro studies and it’s working great. Uniform density (field of illumination) and reliable. What more could you ask for.”

“The simplicity of this device is incredible. A non-coherent light source is the ideal tool for activating PDT protocols.”

“We tested LumaCare’s light source against lasers for activating PDT protocols and were very impressed. From a physics stand point, light is light is light. You don’t need a laser, just the right frequency LumaCare has identified the best way to activate PDT protocols.”

Specifications

| | |
|------------------------|--|
| Voltage: | 110VAC/220VAC |
| Current: | 3.2A@110VAC 1.6 A @ 220VAC |
| Frequency: | 50/60 Hz |
| Fuses: | Replaceable |
| Cooling: | Forced Air Cooling ~50 m ³ /hr. |
| Lamp type: | Specially Designed Quartz Halogen (mixed) Lamp |
| Operating Temperature: | +10 to + 40 °C |
| Storage Temperature: | -30 to + 60 °C |
| Relative Humidity: | 5% - to 95% |

Distributed by



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