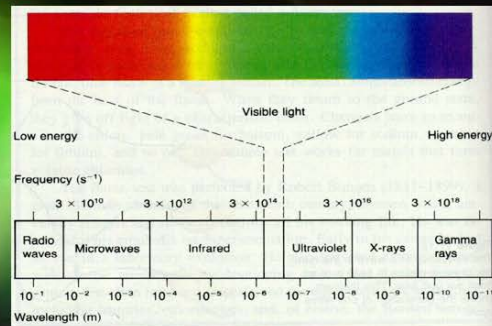


Are there any harmful UV emissions from the P3's plasma tube?

Q&A – Plasma Tube Emissions

- Are there any harmful UV emissions from the P3's plasma tube?
- NO. The P3's spectrum is carefully designed to maintain operation within safe limits. The Therapeutic Window extends to both sides of the visible light spectrum into BOTH the infrared as well as the ultraviolet
- The emitted spectrum does not extend so far into either range far enough to enter the (human) biologically harmful areas.
- The tube is NOT activated by RF !!!!



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The plasma tubes designed by Pulsed Technologies have been an ongoing decade-long effort to design a premium tube optimized for high voltage/low current excitation, rather than low voltage/high current RF methods to totally eliminate radio frequency exposure. Great care has been taken to maintain maximum transmission within the “Therapeutic Window” while minimizing or totally eliminating harmful emissions that might fall outside that range.

While some of the radiance falls outside the visible spectrum, it may appear dimmer than normal. However, checking with appropriate sensors will reveal strong emission. A “trick” used by some manufacturers is to add a bit of mercury into the mix which enhances visible and especially UV output.

Pulsed Technologies will NEVER allow the addition of toxic mercury into ANY of our plasma tubes.

Most commercially available plasma tubes use leaded glass, common to the neon sign industry, which uses relatively simple manufacturing methods typically learned as a trade. Leaded glass blocks part of spectrum of the light including areas known to have beneficial effects.

Pulsed Technologies proprietary plasma tubes use very high quality quartz materials which require far more sophisticated manufacturing skills and methods that provide exceptional spectrum transparency for far more accurate light delivery.

Electro-Therapeutic Approaches to Personal Disease Management and Health Maintenance.

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