

What to Know Before Buying:

Types of Power

In order to achieve optimal clinical effectiveness and efficient treatment time, both high Peak Power and appropriate Average Power are necessary.

Peak Power



Peak Power refers to the maximum watts that a laser can emit per pulse and is related to depth of tissue penetration.

Deeper penetration produces more complete healing.

Average Power

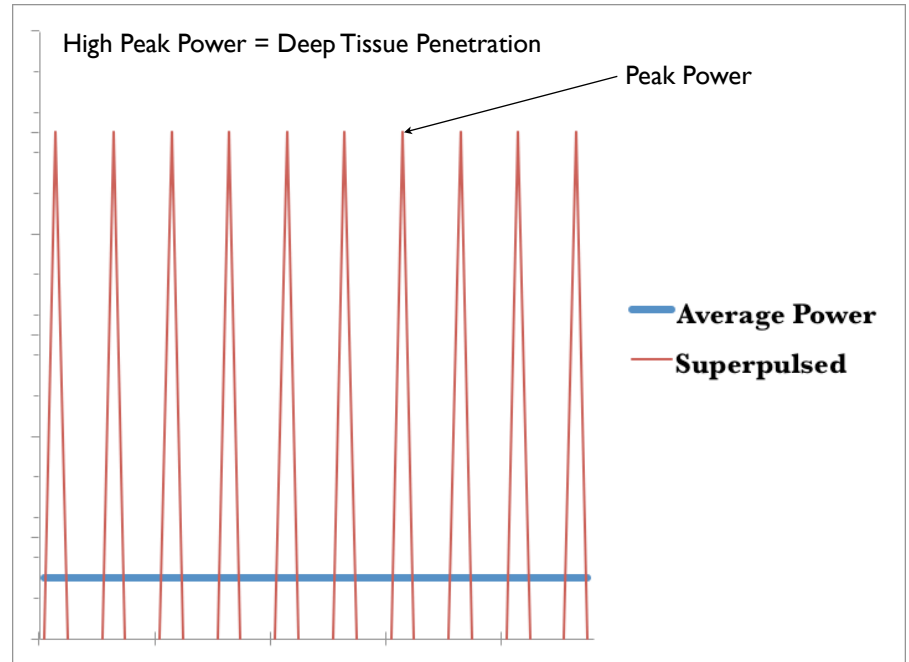
Average Power refers to the average amount of power that the laser emits during the treatment. Higher Average Power means shorter treatment times.



The Results

- Rapid pain relief, inflammation reduction, and tissue healing
- Safe, non-invasive, and drug-free pain relief
- Fast recovery, fast results
- Short treatment times
- Affordable treatments
- High referral rates

Truths about Superpulsed Laser Technology



Superpulsed lasers achieve greater depth of tissue penetration without heating target tissues, resulting in more complete healing.

So what are superpulsed lasers anyway?

Superpulsed lasers can emit pulse power (Peak Power) of at least 10 times higher than the maximum Average Power.

Fact: Peak Power drives the depth of tissue penetration, while Average Power drives treatment time.

According to the World Association for Laser Therapy (WALT), a doctor using a superpulsed laser may need on average 12 to 18 joules of

energy to treat one segment of the cervical spine.

Example: If the doctor has a superpulsed laser with 50W Peak Power and 10mw of Average Power, then, according to WALT, the recommended

optimum treatment time is between 20 and 30 minutes!

Example: If the doctor has a laser with 50W

Peak Power and 300mW of Average Power, then, according to WALT, the optimum treatment time would be between 40 and 60 seconds.

"I like my superpulsed Lumix laser with 250W of peak power, but it's the adjustable average power of up to 2W that gives me fast treatments!"

Andrzej Zielke, MD