

BLU Soft-Tissue Diode Laser

Quick Setup Guide



Cycle Up/Down Buttons

Menu Button

- 1** Your laser starter kit contains:
 - Laser
 - 5x 5mm & 5x 7mm disposable tips
 - 2x batteries
 - 1x foot pedal
 - 1x base charger
 - 1x power cord
 - Safety goggles
- 2** Unpack starter kit contents:
 - Plug base charger in
 - Connect battery to laser wand (twist)
 - Add secondary laser battery to base charger to charge
 - Ensure foot pedal has AA batteries (no power button)
 - Attach 5mm disposable tip (7mm tip should not be used)
- 3** Turning laser on & demo:
 - Press power button once
 - Press Δ button 4 times (password)
 - Laser is now on and ready
 - Initiate disposable tip by burning through initiating paper a few times in different places (tip turns black)
- 4** Procedure programs:
 - Press Δ button until “procedures”
 - Press menu button to select
 - Press Δ button to desired procedure
 - Press menu button to select procedure
 - Foot pedal press will start laser
 - *NOTE: press Δ button to increase wattage manually
- 5** Manual Setup
 - Manual setup can select power and flow
 - Continuous or Pulse flow modes
 - Press Δ button until “procedures”
 - Press menu button
 - Press Δ button to desired procedure
 - Press menu button to select procedure
 - Foot pedal press will start laser
 - *NOTE: press Δ button to increase wattage
- 6** Cutting demonstration:
 - Place hotdog on small paper plate
 - Cut hotdog tip off 2in from top
 - Short piece can be used to demonstrate troughing around crown prep
 - Long piece can be used for all cutting procedures
 - See step 3 – turn laser on
 - Pressing and holding foot pedal down initiates laser
 - Continuous beep when in continuous mode, pulse-beep when in pulse mode
 - Pulse mode is usually just for ulcer treatment and sulcular debridement

Tips & Tricks

- Batteries have a 30 min continuous life or ~15 procedures
- Laser is not about speed, it’s about precision. It’s not super fast, but it cuts 3-5 layers of cells where a scalpel cuts 100-150, electrosurge 300-500
- Crown prep troughing: turn hotdog vertical so you’re looking at inside. Trough around interior directly against the outer skin (don’t cut skin)
- If tip is dragging or not cutting after a few uses, initiate tip again. Can do this many times
- Increase wattage by point-two to point-four watts to provide more cutting power/speed. Too much – anything over 1.6 watts, will cause more charring
- What you lose in slight speed vs electrosurge/scalpel, you gain in precision, less charring and better healing