

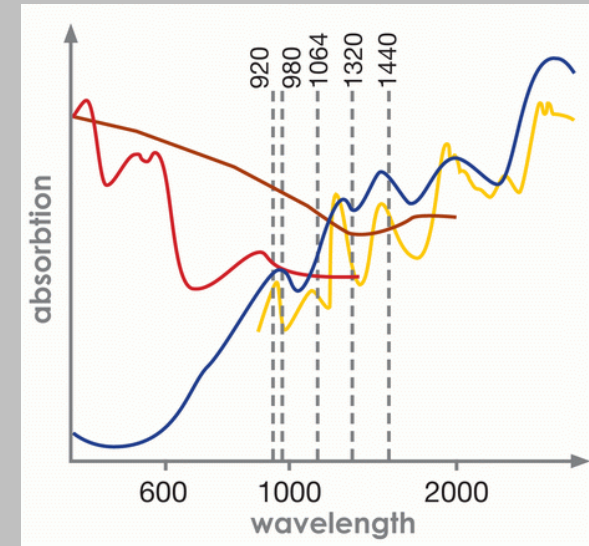


XP-2 FOCUS
Technical Features



Optimal Wavelength – 1064 nm

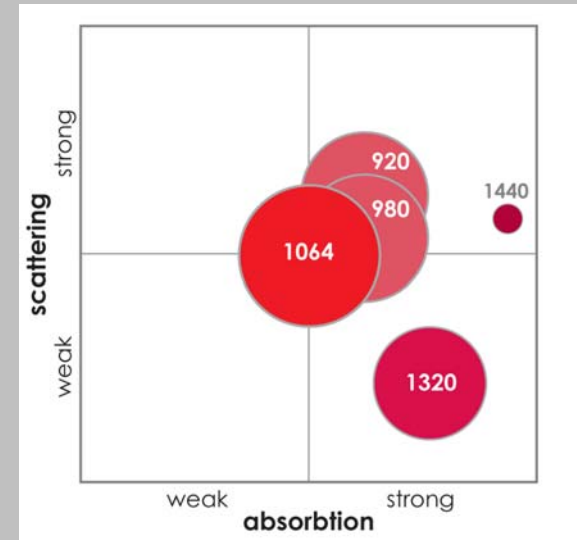
Optimal balance in its absorption in various body chromophores (water, melanin, hemoglobin, lipids) allowing it to be safely, effectively and efficiently used in various surgical procedures.





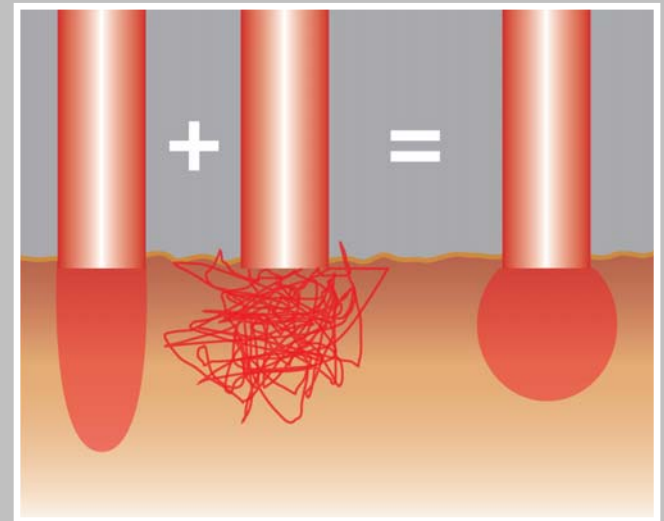
Optimal Wavelength – 1064 nm

Optimal combination of absorption and scattering is around 1100 nm where the heated volume is the largest.



Optimal Wavelength – 1064 nm

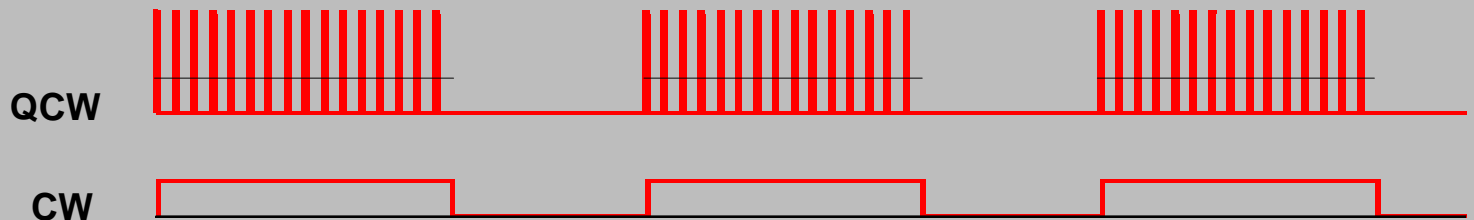
Scattering reduces the penetration depth of the laser beam and broadens the final volume of tissue in which absorption takes place.





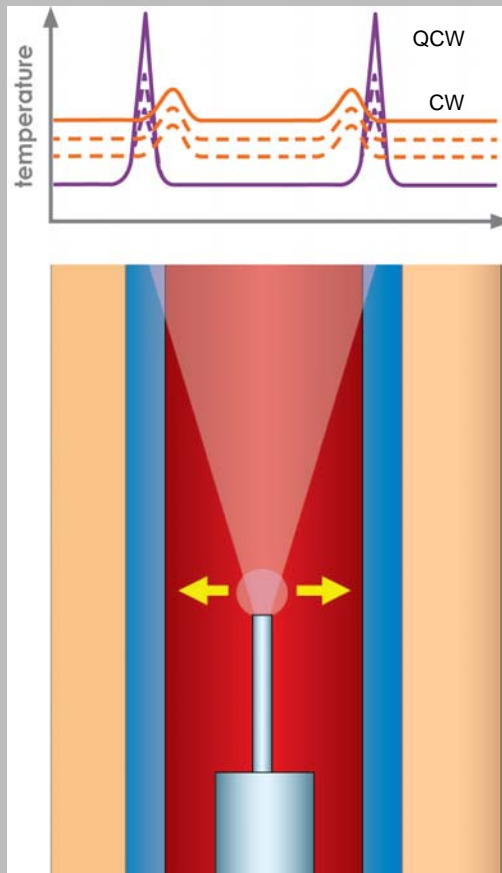
QCW mode

QCW = Quasi Continuous Wave Mode can generate peak powers beyond 5 kW, ensuring highest performance efficiency and efficacy in surgical procedures.





QCW mode for EVLA

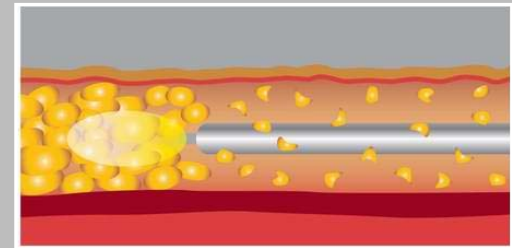


Thermal effect is concentrated in the targets only, without bulk heating of the surrounding tissue.



QCW mode for lipo

The thermal effect destroys fat cells, and coagulates blood vessels.





Advantages of QCW

- Virtually no clots at fiber tip - no charring
- Greater control and efficiency of delivered energy (energy delivered in small amounts at controlled high peak power in pulses)
- Less local heating due to more homogenous absorption
- Much reduced and fewer side effects than in other EVLA and LL treatments



Additional LP and Accelera modes

- LONG PULSE Nd:YAG laser is the Gold Standard in transdermal procedures (hair removal, acne and vascular treatments).
- Accelera pulses offer the ability to provide Fotona's popular FRAC3 non-ablative, 3D self-induced fractional rejuvenation treatments.



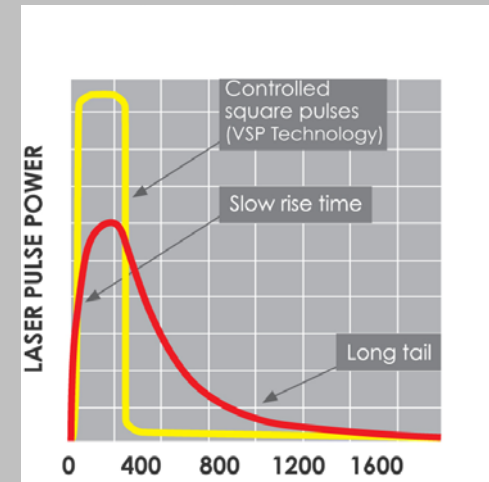
Benefits of additional modes

- More aesthetic treatments with the same equipment
- Total patient care
- Revenue-boosting procedures



VSP Technology

- Controlled square pulses
- Stable power levels
- Wide range of selectable pulse durations
- High repetition rates
- System durability





Advantages of VSP Technology

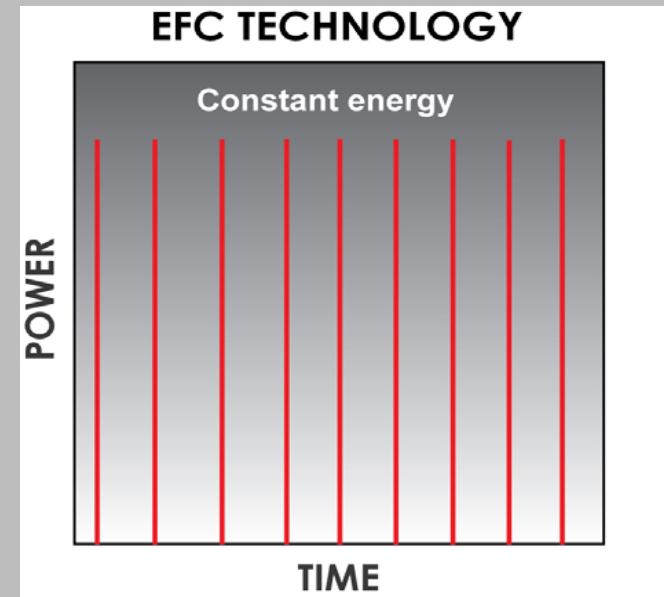
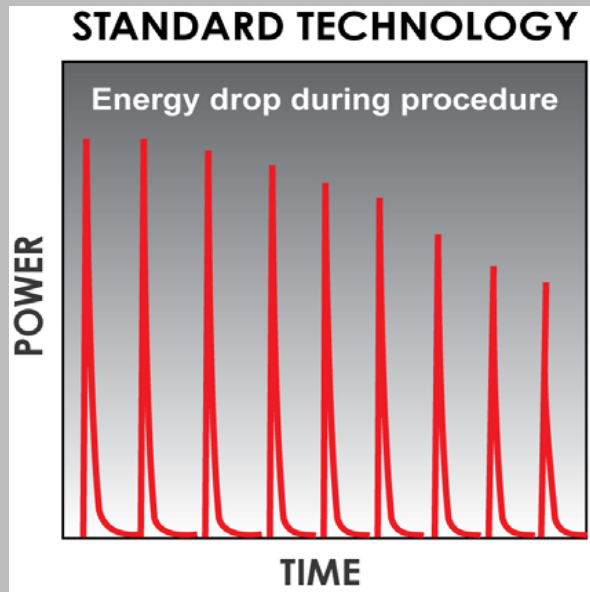
- Better procedure control
- More versatility in determining treatment outcome
- Precise targeting of laser energy and thermal effects
- Higher procedure speeds
- Minimal discomfort
- Shorter recovery and Long-term success
- Essentially lowers running costs

One family, together



EFC - Energy Feedback Control

- Each laser pulse is measured and energy is regulated
- Ensures Constant Laser Energy Output Throughout Operation
- Avoids Uncontrolled Loss of Laser Energy



The Highest Performance, Best Made Laser Systems in the World

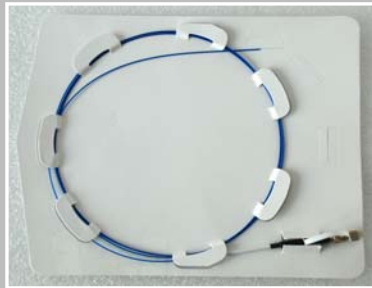


EFC - Advantages

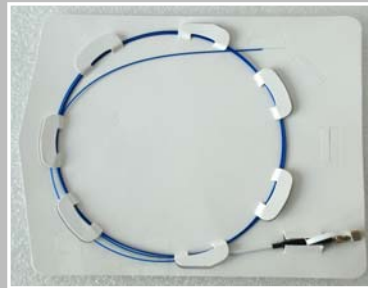
- Safe treatments
- Minimal discomfort
- Shorter recovery time
- Long-term success
- Efficient and effective operation every time
- Avoids need for manual calibration procedures



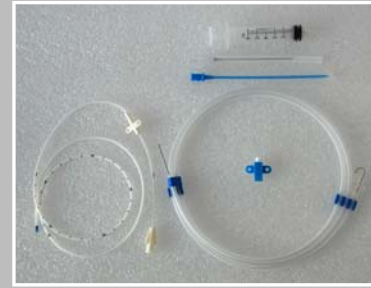
Accessories – Surgical set I



600 μm fiber – 2pcs.



400 μm fiber – 1pc.



Catheter set – 5pcs.



Fiber stripping tool – 1pc.



Fiber scribing tool – 1pc.



Fiber stopper – 5pcs.



Accessories – Lipo set



R27 – 1pc.



Cannula 3x120 LL, threaded – 1pc.
Cannula 3x200 LL, threaded – 1pc.
Cannula 3x300 LL, threaded – 1pc.



Adapter LL, socket-socket – 1pc.

Extender - 1pc.

Adapter LL, threaded – 1pc.



Cannula LL, disposable, G19 1.1x100mm – 3pcs.

Cannula LL, disposable, G19 1.1x200mm – 3pcs.

Cannula LL, disposable, G19 1.1x300mm – 3pcs.



400 μm fiber – 1pc.



Fiber stripping tool – 1pc.



Fiber scribing tool – 1pc.



Accessories



Handpiece R32



R21



R24

User-interface

- Recall application laser parameters at the touch of a button
- Full view of all treatment parameters on one screen
- The cumulative energy delivered to the treatment site is displayed
- A parameter storage function to quickly and easily access parameters for specific procedures



Technical Data – QCW Mode

Power:

Up to 30W
(up to 5W for 200 μm)

Frequency:

0.5 to 100 Hz

Treatment time:

From 1 to 999s
for frequencies higher than 10 Hz



Fiber size:

200, 300, 400,
600, 945 μm

Pulsewidth:

0,1ms, 0,3ms, 0,6ms,
1ms, 2ms

(for 200, 300, 400 μm , only the first three)

Cumulative
energy counter

Technical Data – Pulse Mode

The image shows the control panel of a Fotona laser system in Pulse Mode. The central display is blue and shows the following settings: '>M PULSE P<', '>60 J/cm2 2mm<', and '>0.5Hz 10ms<'. Arrows point from these settings to descriptive text on the left and right. The left side lists 'Memories' (with a sub-section for 'Fluence' and its sub-limits), 'Frequency: 0.5 to 64 Hz', and 'Personal Settings'. The right side lists 'Spot size: 2 – 8 mm' and 'Pulsewidth: 0,1ms - 50ms'. The control panel includes buttons for 'STOP', 'BACK', '+', '-', 'Standby', and 'PULSE'.

Memories

Fluence:
up to 300 J/cm²
(up to 240 J/cm² for 1 ms,
up to 150 J/cm² for 0.6ms,
up to 75 for 0.3 ms,
up to 25 J/cm² for 0.1 ms)

Frequency:
0.5 to 64 Hz

Personal Settings

Spot size:
2 – 8 mm

Pulsewidth:
0,1ms - 50ms

Construction

Stand-alone unit

Easily mobile

Wireless footswitch

Reliable



Fiber holder

Two handles

Robust