

New generation of 532 nm photocoagulator

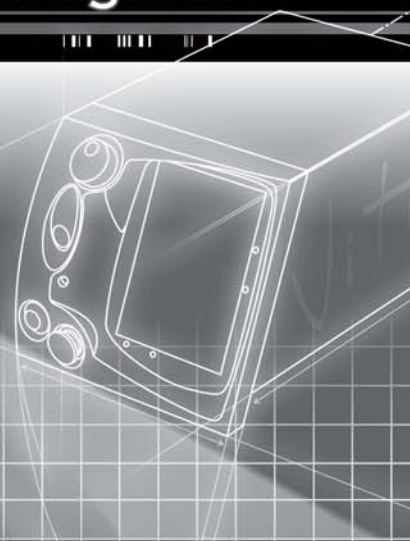


# Vitra



## New generation of 532 nm photocoagulator

- ↘ Intelligent
- ↘ Reliable
- ↘ Pioneer



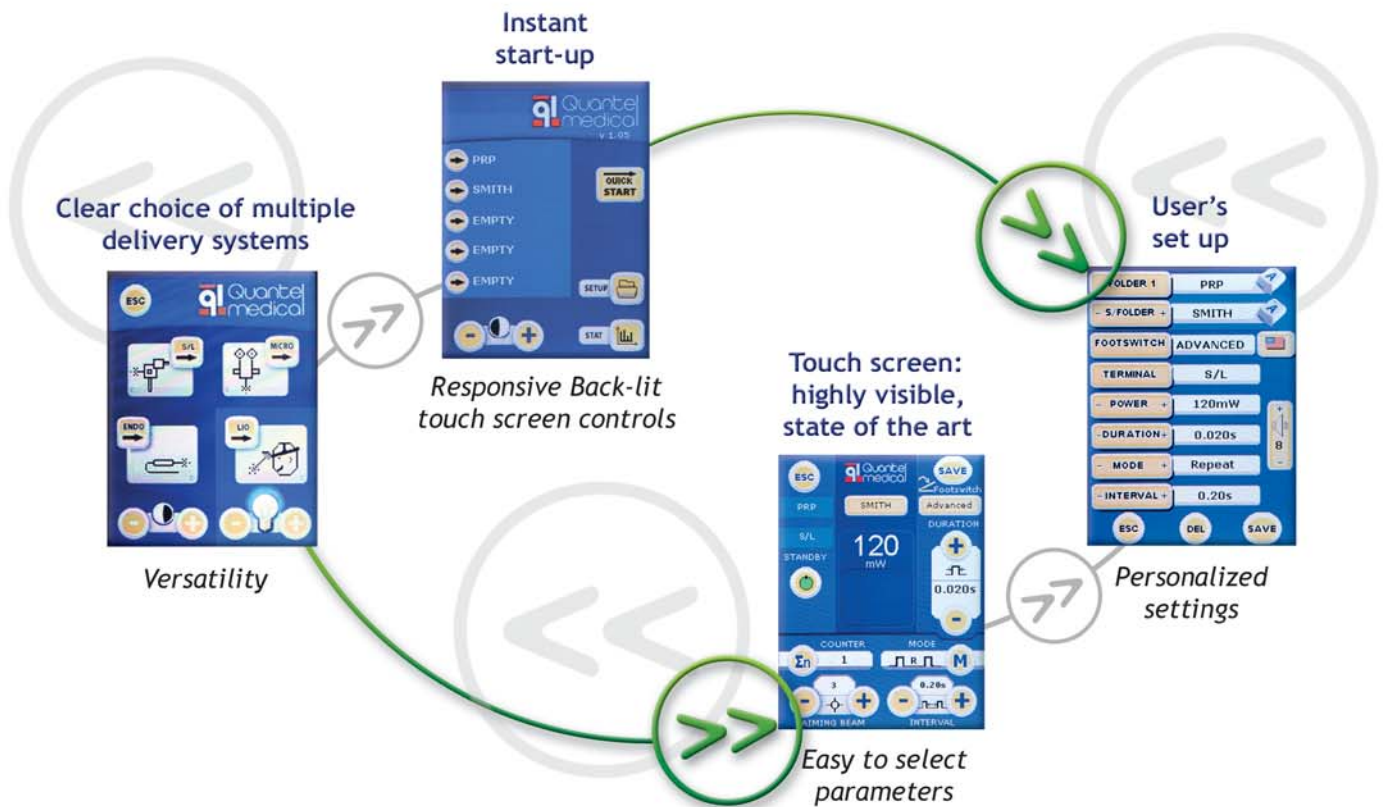
# New generation of 532 nm photocoagulator



## ➤ Ergonomics: your needs, our expertise

- Small in size for a minimal footprint, VITRA integrates perfectly in the O.R. and office environments
- Very portable and lightweight for satellite offices and O.R.
- A dedicated fiber connection for an optimized laser transmission
- Color touch screen displays user-friendly intuitive software

## ➤ Software: clear and easy to use controls, eliminates lengthy and confusing treatment set-ups



## ➤ Memory settings: minimize your set-up time

- Up to 5 doctors
- Program your system according to your needs:
  - By user name
  - By type of procedure
- Enter your name and your favorite settings and these system parameters will be easily recalled at a later time

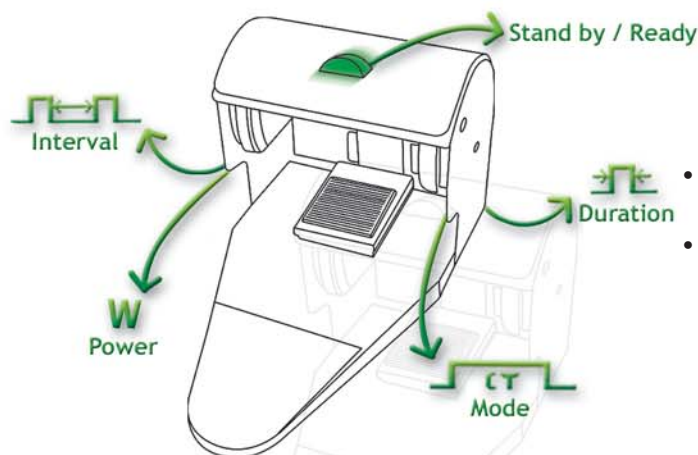
# Vitra

Intelligent  
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## The GentleFoot™ footpedal: designed for your foot, perfect for your hands

*New footpedal concept for controlling all the laser parameters with the touch of your foot:*

- No need to stop the procedure to make parameter adjustments



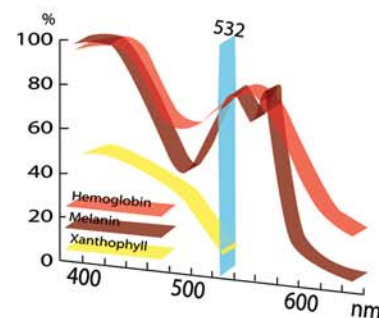
- Free up O.R. and office staff for other duties
- An illuminated footpedal for ease in locating

## Unique laser cavity: engineered to QUANTEL's high standard of quality solid-state laser systems

- The Vitra incorporates innovative design and materials with rugged construction
- No risk of misalignment and power loss with our modular and sealed cavity design
- Durability, reliability and accuracy are the hallmark of the VITRA system

## Wavelength: 532nm green - the "standard" in photocoagulation

- Immediate visualization of the laser impact
- Safety and comfort for the patient and practitioner



## Extended range of emission modes for faster treatments:

- Painting, continuous and repeat modes

## The O.R. environment

### Endocular probes:

- Complete range in 20, 23 and 25 G (curved and straight)
- Extremely flexible and abrasion resistant sheath
- Ergonomically designed hand piece

### Laser integrated indirect ophthalmoscope:

- Lightweight
- Indirect ophthalmoscope HEINE 180
- Coaxial beam
- Spot size from 400 to 800  $\mu\text{m}$





## Why use a parfocal zoom?

A parfocal zoom works with an image of the fiber output face and produces a laser spot which is always in focus on the target. Aiming beam and treatment beam are focused in the same place.

- Delivers true spot size
- Produces homogeneous photocoagulation spot
- Reduces power density on the cornea

## ➤ The slit lamp adapters:

- Easily mounts and dismounts
- Compatible with Haag-Streit 900 BM and 900 BQ (and most copies)
- Compatible with Zeiss 30 and 120 SL
- Clear view of the retina thanks to the transparent filter
- Highly precise treatments thanks to the continuous zoom from 50  $\mu\text{m}$  to 500  $\mu\text{m}$
- True parfocal 50 micron spot size
- Smooth operating micromanipulator

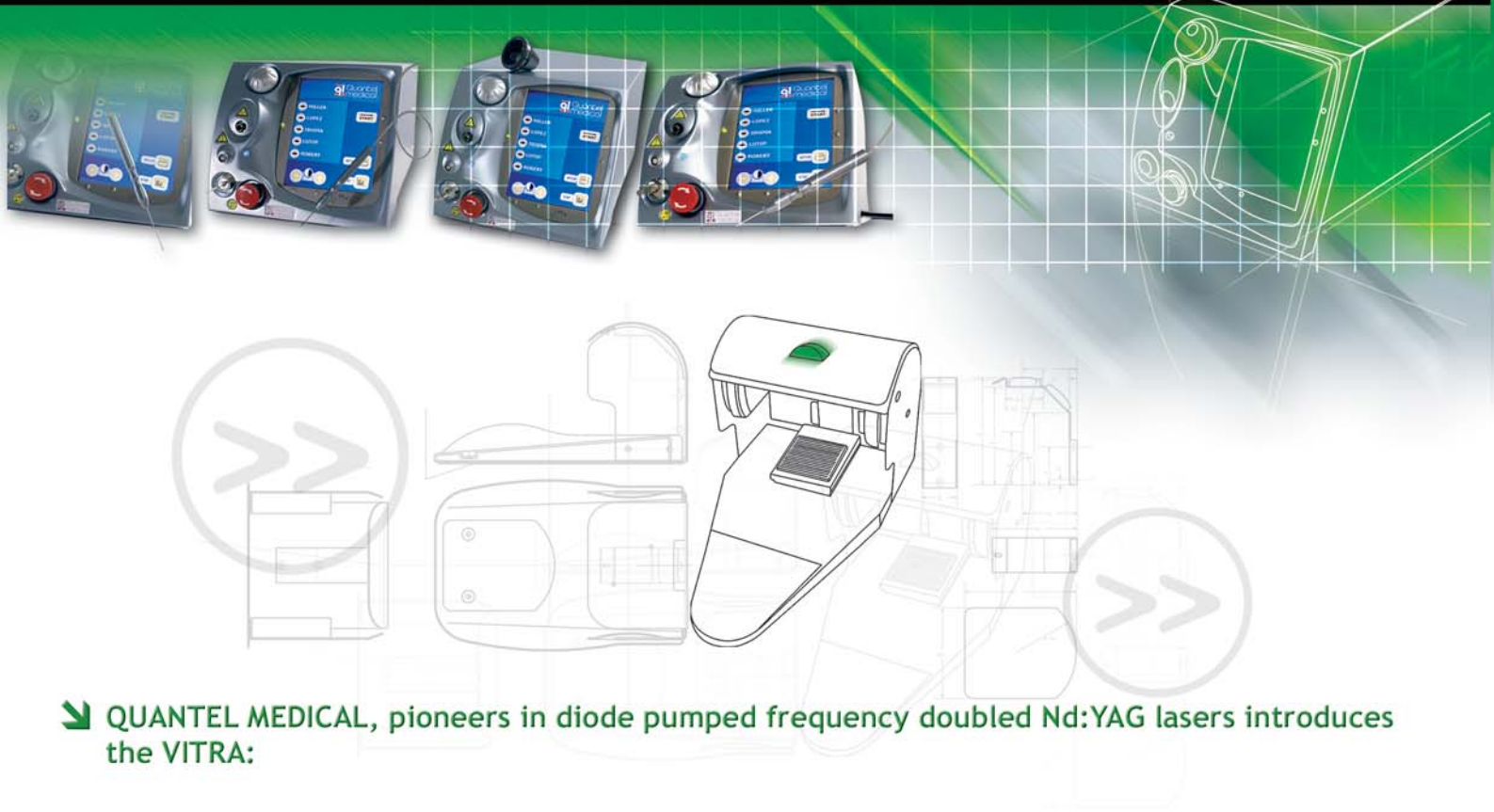


## The O.R. environment

- Fixed and push-pull filters for ZEISS, WILD, MOLLER WEDEL and TOPCON type microscopes
- Quad filter for WILD microscope
- Adapter for operating microscope (slit lamp equipped)
- Adapters for indirect ophthalmoscope (Keelers, Topcon)
- Motorized shuttered microscope filters available for ZEISS and WILD



# New generation of 532 nm photocoagulator



➤ **QUANTEL MEDICAL**, pioneers in diode pumped frequency doubled Nd:YAG lasers introduces the **VITRA**:

- Second generation solid-state 532nm laser
- Lightweight package
- Back-lit touch screen
- Fully controllable by footpedal
- Unique user interface with touch screen panel

➤ **Full range of accessories for the outpatient clinic and operating room.**

➤ **Experience Quantel's Quality Laser Systems thanks to the expertise of the Quantel Group in the development of both military and scientific laser systems.**



# Vitra

New generation of 532 nm photocoagulator



## ➤ Technical characteristics

Wavelength: 532nm, diode pumped frequency doubled solid-state  
Power at tissue up to 1.2 W at all spot sizes  
Pulse duration: 0.02 s to continuous  
Repeat interval: 0.1 - 0.2 - 0.3 - 0.5 - 0.7 s  
Emission modes: single, repeat, continuous, painting  
Aiming beam: 650nm laser diode  
Weight: 4.7 kg - 10.4 lbs  
Size: 14.5 (H) x 18.5 (W) x 30 (D) cm  
5.7" (H) x 7.3" (W) x 11.8" (D)  
Cooling by Peltier effect  
Power requirements: 100 to 240 V, 350 W, 50/60 Hz

## Compatible with the following terminals:

- Slit lamps: HAAG-STREIT 900 BM and BQ, ZEISS 30 SL and 120 SL
- Laser indirect ophthalmoscopes: integrated on the HEINE 180, and adapters for use on the KEELER and TOPCON
- Operating microscopes: ZEISS, MOLLER WEDEL, TOPCON, WILD
- Endocular probes: curved and straight (20, 23 and 25 G)

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