

vitra™
multispot laser

Your Future Multispot Laser



532 nm Photocoagulator Laser



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Quantel Medical's cutting edge laser technology has brought constant and multiple innovations to retinal physicians worldwide since 1993.

Vitra Multispot is a 532 nm photocoagulation laser that adapts to Haag Streit type slit lamps. It offers a large choice of patterns improving the photocoagulation experience for both patient and physician.

Vitra Multispot: enter the pattern scan era!

● Short pulse durations: 10-20 ms

- Less heat diffusion to the retina and choroid
- Less collateral damage to surrounding tissue
- Comfortable treatment better tolerated by patients
- Extremely fast treatment (full PRP in 2 sessions only)
- Shorter laser sessions (compared to "classic treatments")

● A pattern for each practice / pathology

Squares / Lines:



Possible application:
PRP in the mid periphery

Circles:



Partial Complete
Possible application:
Retinal tears

Triple arcs:

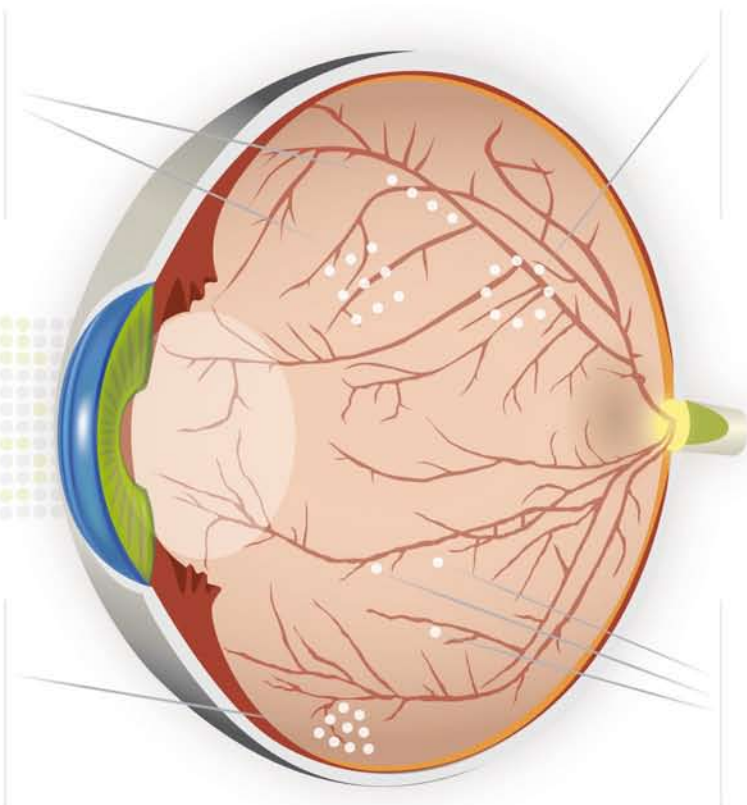


Possible application:
PRP in the far periphery

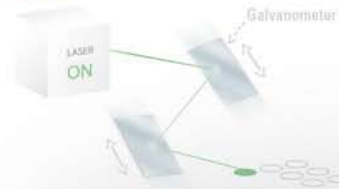
Monospot:



Possible applications:
- Titrate
- Finishing touches
- Classic treatments



Vitra Multispot: technology



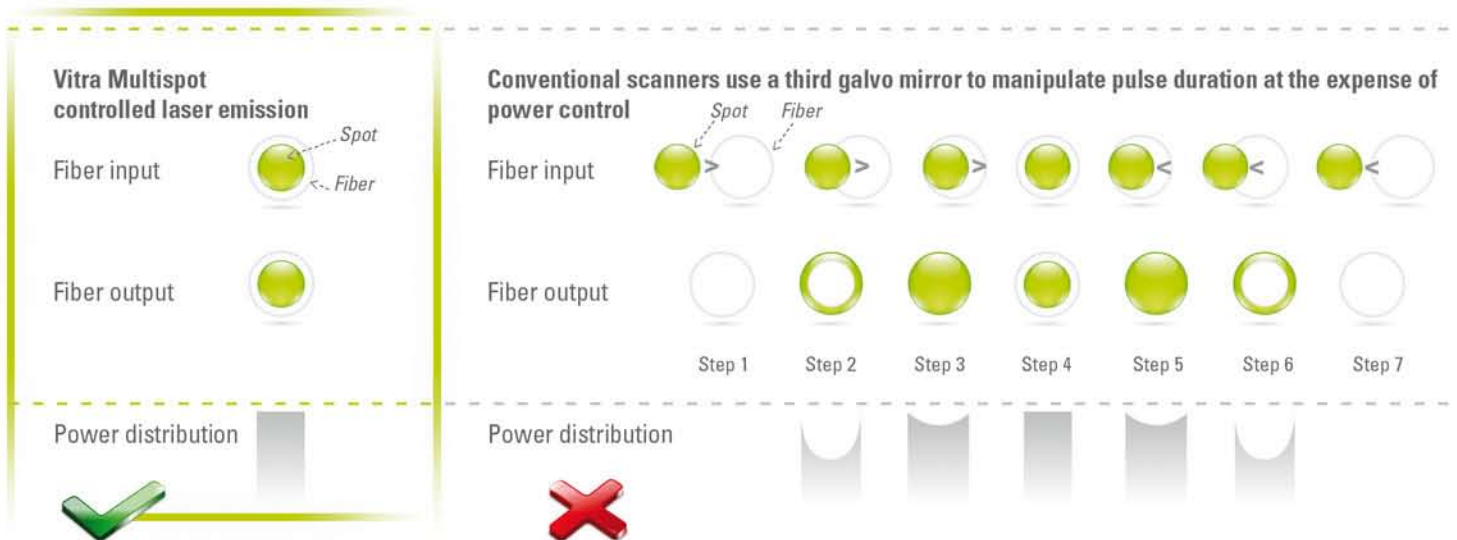
● Electronically controlled laser emission

“Start and Stop” principle

As opposed to continuous emission pattern lasers, Vitra Multispot does not use galvo mirrors to control pulse duration:

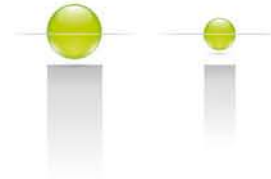
- The laser beam is always perfectly centered in the fiber
- Each laser pulse is generated and controlled by the laser itself
- Each pattern is produced by two galvo mirrors which direct each electronically controlled laser spot

This smart technology choice ensures excellent spot-to-spot laser burn consistency. Fluence is controlled and consistent for each spot.

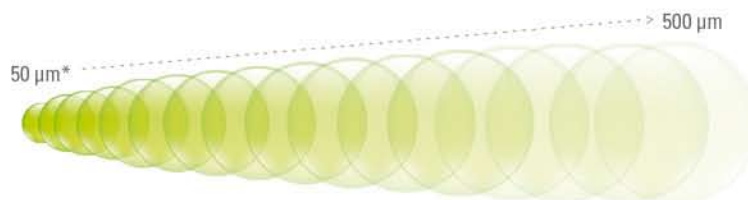


● Parfocal zoom

Perfect homogeneity of each laser spot with Top Hat power distribution.



● Continuously variable spot size



* single spot: 50 μm to 500 μm
 multispot: 100 μm to 500 μm

Vitra Multispot: ease of use



Control settings with an analog knob, touch screen or hands-free via the foot-switch



Control patterns (size, orientation...) with the Vitra remote click wheel on your slit lamp table

Vitra Multispot: versatility

4 laser delivery system options

Multispot slit lamp adapter compatible with:

- Quantel Medical slit lamp
- Haag Streit BM/BQ 900
- Most of the Haag Streit clones



Endoprobes:

- 20 G
- 23 G
- 25 G



Welcome page



OR microscope adapters compatible with:

- Zeiss type
- Leica type



Laser indirect ophthalmoscopes:

- Heine 180 (integrated laser adapter)
- Keeler Vantage Plus (external laser adapter)



Vitra Multispot: transportable





led

PATTERN SELECTION



vitra

vitra

Gentle FOOT

-

+

TECHNICAL SPECIFICATIONS



VITRA MULTISPOT SPECIFICATIONS

Laser:	Frequency doubled Nd:YAG, 532 nm
Power at tissue up to:	1500 mW
Pulse duration:	10 ms to continuous
Aiming beam:	635 - 650 nm
Size:	14.5 (H) x 18.5 (W) x 30 (D) cm 5.7" (H) x 7.3" (W) x 11.8" (D)
Weight:	4.7 kg - 10.4 lbs
Cooling:	by Peltier effect
Power requirements:	100 to 240 VAC, 250 VA, 50/60 Hz

DELIVERY SYSTEMS

Multispot slit lamp adapter

Patterns:	square, circle, triple arc, line, single spot
Single spot modes:	single, repeat, painting, continuous
Slit lamp compatibility:	Quantel Medical slit lamp, Haag Streit 900 BM & BQ and clones Compatibility list on request available
Spot size:	single spot: 50 µm to 500 µm multispot: 100 µm to 500 µm

Laser indirect ophthalmoscopes

Heine 180 (integrated laser adapter)
Keeler Vantage Plus (external laser adapter)

Endoprobes

20 G
23 G
25 G

OR microscope adapters

Zeiss type
Leica type

AVAILABLE MODELS

Vitra Multispot (including laser and adapter)
Vitra Multispot complete configuration (including laser, adapter, table and slit lamp)

Specifications are subject to change without notice.

www.quantel-medical.com

Designed and Manufactured by **Quantel Medical** in France



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