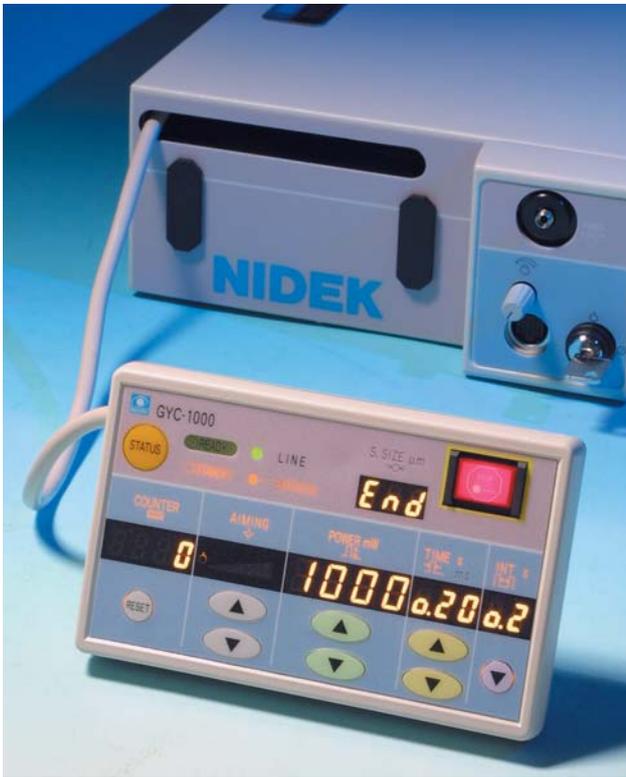




Green Laser Photocoagulator GYC-1000





GYC-1000 **Flexibility & Versatility**

Universal Design

The GYC-1000 utilizes a diode pumped solid-state laser to achieve maximum laser life and the greatest efficiency at low heat emission.

The GYC-1000 laser can be plugged into any standard power outlet and requires no external hookup for operation, yet achieves high power output (max. 1700 mW on the cornea). The GYC-1000's specially designed silent air cooling system minimizes the typical maintenance problems common to conventional plasma tube technology.

The World's Smallest Green Laser on the Market

The compact (W215 x D280 x H90 mm) and lightweight (6.7 kg / 14.8 lbs) console offers maximum operational flexibility and treatment versatility - from the office to the O.R.



Ergonomically easy to handle

Lowest Power Requirement

The new technology - ITC (Intelligent Thermo Control) function - reduces the power requirement, offering optimum and economical control of the temperature under CPU management.

High Reliability

A digitally controlled instant duty cycle permits the laser to be used at very fast speeds and high powers for extended periods of time without failure.

The GYC-1000 provides many years of superior, reliable performance.

Coaxial illumination probe (Endophoto probe with the coaxial illumination)

The coaxial illumination probe enables one-hand operation by performing photocoagulation and providing lighting at the same time.



Fiber diameter: 200 μm
Length: 4 m
Compatible devices: NIDEK CV-24000

Dual protective filter



For the endophotocoagulation delivery unit, the optional dual protective filter allows an assistant to safely observe the operation.

Carriage handle



Portable for remote use

GYC-1000

Optional Accessories

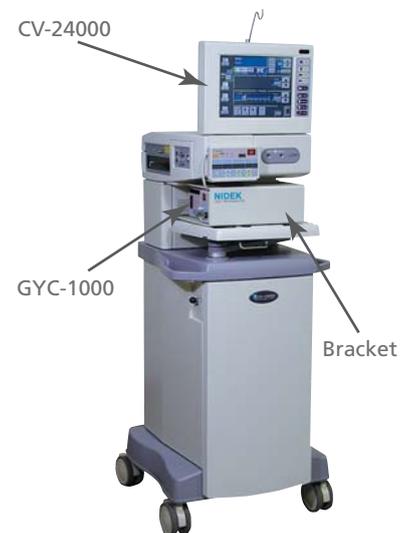
Safety goggles



For assistants, safety goggles reduce the reflected beam's power to $1/10^4$ or less for their eye protection. (Note: Do not look directly at the emitted beam.)

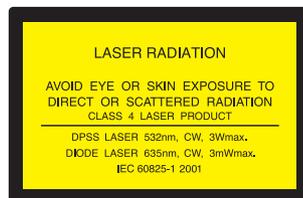
Integration with the NIDEK phacoemulsification system CV-24000 (Optional)

The GYC-1000 can be integrated into the CV-24000 using the special bracket (optional). This integration can eliminate problems such as the lack of hygiene and difficulties at the time of installation / connection. The endophoto probes can connect to the GYC-1000, contributing to space saving, easy setup and simple system operation.



GYC-1000 Specifications

Treatment laser	Frequency-doubled diode pumped solid state laser
Wavelength	532 nm
Output power	50 to 1700 mW
Output type	Continuous wave
Exposure time	0.01 to 3.00 seconds
Interval time	0.1 to 1.0 seconds
Aiming laser	Red diode, 635 nm, max. 0.2 to 0.4 mW
Power supply	100 to 240 Vac, 50 / 60 Hz, 200 VA
Dimensions / Weight	215 (W) x 280 (D) x 90 (H) mm / 6.7 kg 8.46(W) x 11.0(D) x 3.5(H)" / 14.8 lbs
Optional delivery	Slit lamp delivery (Nidek, Zeiss, Haag Streit, etc.) BIO delivery, MIO delivery Endophotocoagulation delivery



Caution : U.S. Federal Law restricts this device to sale, distribution and use by or on the order of a physician or other licensed eye care practitioner. Specifications and design are subject to change without notice.



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