Coaxial illumination probe (Endophoto probe with coaxial illumination) The coaxial illumination probe enables one-hand operation by performing photoagulation and providing lighting at the same time.

Dual protective filter Carriage Handle

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 Specifications**

<table>
<thead>
<tr>
<th>Treatment laser</th>
<th>Wavelength</th>
<th>Output power</th>
<th>Output type</th>
<th>Exposure times</th>
<th>Automation repeat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green laser</td>
<td>Green: 532 nm</td>
<td>Green: 50 - 1700 mW</td>
<td>Continuous wave</td>
<td>0.01 - 3.00 seconds</td>
<td>0.1 - 1.0 seconds intervals</td>
</tr>
<tr>
<td>Aiming laser</td>
<td>Red diode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Power supply    | 100 - 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 |

---

**Safety Goggles**

For assistants, safety goggles reduce the reflected beam's power to 1/104 or less for eye protection. (Note: Do not look directly at the emitted beam).

---

**GYC-1000 Optional Accessories**

Integrating with the NIDEK Phacoemulsification System CV-24000 (Optional)

The GYC-1000 can be integrated into the NIDEK CV-24000 using the special bracket (optional). The 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.

---

**NIDEK INC.**
47651 Westinghouse Drive
Fremont, CA 94539, U.S.A.
Telephone : 1-510-226-5700
Facsimile : 1-800-223-9044 (US only)
URL : http://www.usa.nidek.com

**NIDEK SOCIETE ANONYME**
Europarc
13, rue Auguste Perret
94042 Creteil, France
Telephone : 33-1-49 80 97 97
Facsimile : 33-1-49 80 32 08
URL : http://www.nidek.fr

**NIDEK TECHNOLOGIES SRL.**
Via dell’Artigianato, 6 / A
35020 Albignasego (Padova), Italy
Telephone : 39 049 8629200 / 8626399
Facsimile : 39 049 8626824
URL : http://www.nidektechnologies.it

---

*Specifications and design are subject to change without notice for improvement.*
The GYC-1000's specially (max. 1700mW on the cornea), yet achieves high power output external hookup for operation, plugged into any standard power outlet and requires no power cord to use. The GYC-1000's solid state (Intelligent Thermo Control) requirement, offering optimum performance. The GYC-1000's solid state operation, the laser is a true continuous wave (CW) laser. The GYC-1000 controls the internal fan and cools the system. The new technologies - DWC and IFM functions - reduce noise during photocoagulation:

- DWC function: The DWC function reduces the fan sound and the mechanical noise, as the internal shutter is no longer necessary. The fan sound is inaudible, and the system is quieter.
- IFM function: The IFM function conducts a self-diagnosis with optimal back light provides safer operation in a dark room. With a slit lamp delivery unit, the adjustable slit lamp control panel enables setting and confirmation all at once.

Detachable Control Panel

The GYC-1000's compact control panel is connected by a cord, and can be detached from the main body of the unit. The luminous digital display, with optimal back light provides safer operation in a dark room. With a slit lamp delivery unit, the adjustable slit lamp control panel enables setting and confirmation all at once.

True Continuous Wave (CW)
The GYC-1000's solid state laser is active continuous wave (CW), not a pulsed laser. CW laser delivery assures precise treatment results by eliminating the potential risks associated with pulsed laser systems.

Safety Features

The GYC-1000 is a series of safety features it is equipped with a filter that reduces the reflected green laser to 1/104 or less; the error indicator function displays the nature of the error encountered on the time display of the control panel; the system conducts a self diagnosis to monitor the system condition; and more.

Ergonomically easy to handle.

Lowest Power Requirement

The new technology - IFM (Intelligent Fan Control) function - reduces fan noise.
Plasma tube technology.

Common to conventional maintenance problems, the NIDEK GYC-1000 designed silent air cooling (max. 1700mW on the cornea). Yet achieves high power output and requires no power outlet and plugged into any standard power socket. Low heat emission.

The NIDEK GYC-1000 utilizes a Universal Design. Ergonomically easy to handle. The office to the O.R. and treatment versatility - from maximum operational flexibility to patient comfort. Compact (W215 x D280 x H90 mm) and lightweight (6.7kg). The 532nm Green Laser on the cornea.

Superior Performance

- Lower absorption by the xanthophyll pigment of the RPE
- Higher absorption by the hemoglobin, and oxidized xanthophyll pigment - Lower absorption by the hemoglobin
- Higher absorption by the xanthophyll pigment of the RPE

Efficient, safe photocoagulation in a wide range of the GYC-1000. The 532nm laser beam passes through the ocular media with low attenuation to minimize power loss. The exposure time of conventional lasers can be adjusted in 0.10 second increments, from 0.10 to 1.00 seconds. The GYC-1000, on the other hand, can be adjusted in 0.01 second increments from 0.01 to 0.10 seconds, which is the most widely used range for photocoagulation. The flow adjustments provide more precise treatment for patients.

Safety Features

The GYC-1000 is a series of safety features it is equipped with a filter that reduces the laser to 1/104 or less; the error indicator function displays the nature of the error encountered on the time display of the control panel; the system conducts a self-diagnosis to monitor the system condition; and more.

Detachable Control Panel

The GYC-1000's compact control panel is connected by a cord, and can be detached from the main body of the unit. The luminous digital display with optional backlight provides easier operation in a dark room. With a slit lamp delivery unit, the control panel enables setting and confirmation all at once.

Universal Design

The NIDEK GYC-1000 utilizes a digital pumped solid-state laser to achieve maximum laser performance 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. 1700mW on the cornea). The GYC-1000 specially designed silent air cooling system minimizes the typical maintenance problems connect to conventional plasma tube technology.

6. Monocular indirect ophthalmoscope delivery unit

672c-1 type 360°/160° tip / Oméga® 180° tip (M7¥500)

7. Dual Delivery GYC 40D-1

The dual delivery allows easy changer between two delivery systems.
national designs silent air cooling (max. 1700mW on the cornea). yet achieves high power output external hookup for operation, power outlet and requires no plugged into any standard The GYC-1000 laser can be low heat emission.

The GYC-1000 utilizes a Universal Design

The NIDEK GYC-1000 Ergonomically easy to handle.

Maximum operational flexibility / 14.8lbs) console offers H90 mm) and lightweight (6.7kg The compact ( W215 x D280 x 215mm 90mm ) console is designed for maximum laser life to achieve maximum laser life to achieve maximum laser life to achieve maximum laser life to achieve maximum laser life.

The GYC-1000’s solid state performance.
The GYC-1000 provides many powers for extended periods of duty cycle permits the laser to be and economical control of the function - reduces the power (Intelligent Thermo Control) The new technology - ITC Requirement Superior Performance

The GYC-1000 is a true continuous wave Laser. The GYC-1000's solid state - Lower absorption by the xanthophyll pigment - Higher absorption by the hemoglobin, and oxidized pigment epitheliopathy, low attenuation to minimize power loss.

is a hallmark of the GYC-1000.

Efficient, safe photocoagulation 532nm Green Laser

The GYC-1000’s output power and treatment versatility - from the most desirable to the most economical control of the function - reduces the power (Intelligent Thermo Control) The new technology - ITC Requirement Superior Performance

The GYC-1000 is a true continuous wave Laser.

The GYC-1000’s solid state performance.
The GYC-1000 provides many powers for extended periods of duty cycle permits the laser to be and economical control of the function - reduces the power (Intelligent Thermo Control) The new technology - ITC Requirement Superior Performance

The GYC-1000 is a true continuous wave Laser.

The GYC-1000’s solid state performance.
The GYC-1000 provides many powers for extended periods of duty cycle permits the laser to be and economical control of the function - reduces the power (Intelligent Thermo Control) The new technology - ITC Requirement Superior Performance

The GYC-1000 is a true continuous wave Laser.

The GYC-1000’s solid state performance.
The GYC-1000 provides many powers for extended periods of duty cycle permits the laser to be and economical control of the function - reduces the power (Intelligent Thermo Control) The new technology - ITC Requirement Superior Performance

The GYC-1000 is a true continuous wave Laser.

The GYC-1000’s solid state performance.
The GYC-1000 provides many powers for extended periods of duty cycle permits the laser to be and economical control of the function - reduces the power (Intelligent Thermo Control) The new technology - ITC Requirement Superior Performance

The GYC-1000 is a true continuous wave Laser.

The GYC-1000’s solid state performance.
The GYC-1000 provides many powers for extended periods of duty cycle permits the laser to be and economical control of the function - reduces the power (Intelligent Thermo Control) The new technology - ITC Requirement Superior Performance

The GYC-1000 is a true continuous wave Laser.
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.

Dual protective filter

Carriage Handle

Fiber diameter: 200 µm
Length: 4m
Compatible devices: Nidek VT series and CV-24000

Coaxial illumination probe (Endophoto probe with the coaxial illumination)

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

Safety Goggles

For assistants, safety goggles reduce the reflected beam's power to 1/104 or less for 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 NIDEK CV-24000 using the special bracket (optional). This integration eliminates 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.

Optional Accessories

Safety Goggles

Integrations

GYC-1000 Specifications

<table>
<thead>
<tr>
<th>Category</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment laser</td>
<td>Frequency-doubled diode pumped solid state laser</td>
</tr>
<tr>
<td>Wavelength</td>
<td>Green: 532 nm</td>
</tr>
<tr>
<td>Output power</td>
<td>Green: 50 - 1700 mW</td>
</tr>
<tr>
<td>Output type</td>
<td>Continuous wave</td>
</tr>
<tr>
<td>Exposure times</td>
<td>0.01 - 3.00 seconds</td>
</tr>
<tr>
<td>Automation repeat</td>
<td>0.1 - 1.0 seconds intervals</td>
</tr>
<tr>
<td>Aiming laser</td>
<td>Red diode</td>
</tr>
<tr>
<td>Power supply</td>
<td>100 - 240 Vac, 50 / 60 Hz, 200 VA</td>
</tr>
<tr>
<td>Dimensions / Weight</td>
<td>215 (W) x 280 (D) x 90 (H) mm / 6.7 kg</td>
</tr>
<tr>
<td>Optional delivery</td>
<td>Slit lamp delivery (Nidek, Zeiss, Haag Streit, etc.)</td>
</tr>
<tr>
<td>Endophotocoagulation delivery</td>
<td>BIO delivery, MIO delivery</td>
</tr>
</tbody>
</table>

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.
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.

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 Specifications

<table>
<thead>
<tr>
<th>Treatment laser</th>
<th>Wavelength</th>
<th>Output power</th>
<th>Output type</th>
<th>Exposure times</th>
<th>Automation repeat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency-doubled diode pumped solid state laser</td>
<td>Green: 532 nm</td>
<td>Green: 50 - 1700 mW</td>
<td>Continuous wave</td>
<td>0.01 - 3.00 seconds</td>
<td>0.1 - 1.0 seconds intervals</td>
</tr>
<tr>
<td>Aiming laser</td>
<td>Power supply</td>
<td>Dimensions / Weight</td>
<td>Optional delivery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red diode</td>
<td>100 - 240 Vac, 50 / 60 Hz, 200 VA</td>
<td>215 (W) x 280 (D) x 90 (H) mm / 6.7 kg</td>
<td>Slit lamp delivery (Nidek, Zeiss, Haag Streit, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>8.46(W) x 11.0(D) x 3.5(H)” / 14.8 lbs</td>
<td>BIO delivery, MIO delivery</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.