Interest? To find out more please contact BIRMINGHAM OPTICAL on 0808 123 2020 or visit www.birminghamoptical.co.uk

GS-1 Specifications

ACA image capture	
Capturing area	Approximately 2.36 mm (circumference direction) x 2 mm (diameter direction) 1.5 mm
Working distance	White LED
Light source	Circular, linear
Stitching	Single capture
Capture mode	Multi capture: 17 foci x selected directions up to 16 directions Full capture: 17 foci x 16 directions (272 images)
Auto tracking	X-Y directions
Auto shot	Available
Display	9.0-inch (WXGA) color LCD touch screen
Storage	Built-in SSD
Interface	USB, LAN
Output format	JPEG, PNG, PDF
Power supply	100 to 240 V AC 50/60 Hz
Power consumption	100 VA
Dimension/Mass	280 (W) x 504 (D) x 460 (H) mm / 15 kg 11.0 (W) x 19.8 (D) x 18.1 (H)" / 33 lbs.
Optional accessories	External fixation lamp, head belt, barcode reader, shielded LAN cable

Multimirror Prism Specifications

Facets	16 surfaces
Disinfection method	Glutaral agent (Glutaraldehyde) (Up to 100 exams)
Sterilization method	EOG (Up to 30 exams)

GS Gel Specifications*

Characteristics	Colorless and transparent, viscoelastic gel, water-soluble polymer, including an antiseptic agent, up to 30 exams per tube
Storage temperature	25 °C or lower (77 ºF or lower) (non-freezing)

** The availability of the GS gel differs from country to country.*

Gonioscope GS-1

Document. Assess. Plan.

The innovation you have been waiting for

Rental Packages Available

For more details of the rental options, please contact BIRMINGHAM OPTICAL on **0808 123 2020** or **info@birminghamoptical.co.uk**

- Instant documentation of the iridocorneal angle in real-colour photographs
- Freeing up time for the clinicians to assess and plan treatment
- Automated circumferential goniophotography

Eye & Health Care NIDEK CO., LTD.

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A picture is worth a thousand words...

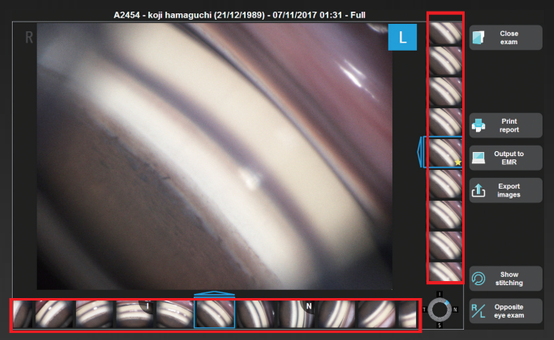
Gonioscope GS-1

GS-1 Features

Automated circumferential goniophotography

An internal optical system automatically rotates and acquires color photographs of the iridocorneal angle in 16 directions / 360 degrees documenting the entire angle. Each direction can be captured in 17 different foci, enabling a versatile approach to iridocorneal angle photography.

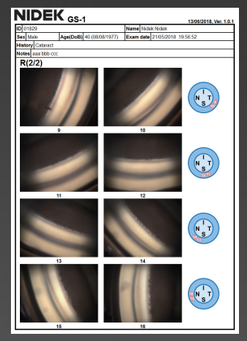
17 foci



16 directions

Export images

The images acquired by the GS-1 can be displayed as a single image, with circular stitching, or linear stitching. In addition to detailed assessment with single image, stitching allows localization of features/ pathologies within the entire angle. High-resolution color images are exported in JPEG, PNG and PDF files.



Single image

Circular stitching

Linear stitching

Non-contact gel immersion measurement

To ensure patient comfort, a specific coupling gel is used during image acquisition. The multimirror prism is not intended to touch the cornea.

Assess and plan with documentation

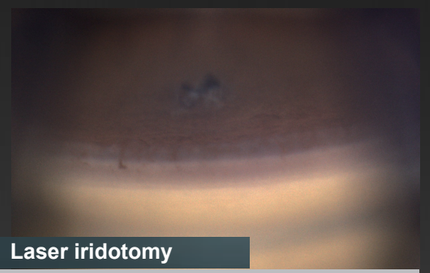
The GS-1 frees up time for the clinicians to assess and plan treatment. The digital goniophotographs add the convenience of re-assessing the entire angle at any time. High resolution color photographs enhance the quality of assessment and allow comprehensive follow-up.

Postoperative examples*

Mild

MIGS

Preoperative diagnosis: POAG
MIGS located superior to the scleral spur

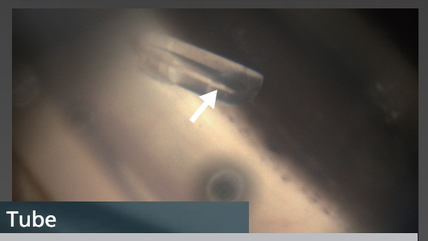


Laser iridotomy

Preoperative diagnosis: PACG
Visible peripheral iridotomy resulting in an open angle

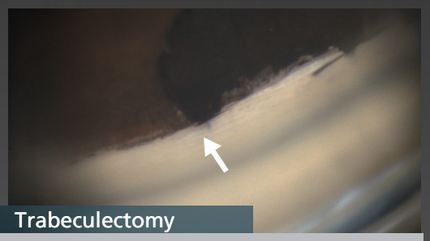
Open angle

Closed angle



Tube

Preoperative diagnosis: POAG
Visible tip of a glaucoma drainage device

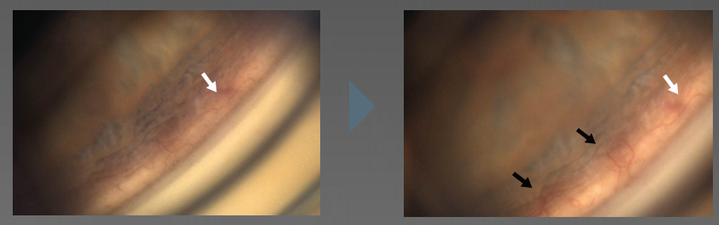


Trabeculectomy

Preoperative diagnosis: PACG
Surgical iridectomy in front of the sclerostomy with visible ciliary processes

Advanced

Progression of neovascularization (after 5 months)*



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