

GDxPRO™ Scanning Laser Polarimeter

**Look beyond thickness and
measure RNFL Integrity™**

Scanning Laser Polarimetry (SLP) measures RNFL Integrity (RNFL-I™), structural information that goes beyond thickness. GDx™, the world's only Scanning Laser Polarimeter, uniquely characterizes RNFL Integrity by directly measuring structural organization throughout the RNFL.

- **Diagnose more patients confidently.**
Enhanced Corneal Compensation (ECC™) delivers high quality scans on virtually all patients.
- **Acquire high quality scans with ease.**
Simple-Touch Pupil Alignment and Touch Screen acquisition require virtually no operator experience.
- **Align images with precision.**
Automatic Image Alignment ensures exceptional registration between scans, even across multiple visits.
- **Confidently assess patients suspected of having glaucoma.**
The Nerve Fiber Indicator (NFI) single number output has demonstrated superior performance in assessing patients suspected of having glaucoma¹.
- **Identify fast progressors at a glance.**
World-class Guided Progression Analysis (GPA™) allows you to assess speed of progression and risk of future vision loss on a single page report.
- **Maximize return on investment.**
Designed for performance, productivity and portability – GDxPRO is affordable for any size practice.
- **Grow your practice** with Carl Zeiss practice management services.



¹ Medeiros FA, Vizzeri G, Zangwill LM, Alencar LM, Sample PA, Weinreb RN. Comparison of retinal nerve fiber layer and optic disc imaging for diagnosing glaucoma in patients suspected of having the disease. *Ophthalmology*, 2008; 115: 1340-6.



Comparison of the new GDxPRO™ to GDxVCC™

The GDxPRO is the next evolution in GDx technology that is backward compatible with the last generation of GDx while also taking a leap forward in performance and workflow enhancements with ECC, GPA, AutoFocus and Touch Screen operation included as standard features.

User Features	GDxVCC	GDxPRO
General	<ul style="list-style-type: none"> Scanning Laser Polarimetry (SLP) imaging technology Portability with unique optics lock-down feature Integrated design Non-mydriatic operation Windows® CE Supports printers available from and validated by ZEISS Exports files in SVG and HTML formats Connectivity available with review software Manual mapping to an assigned IP address 	<ul style="list-style-type: none"> Scanning Laser Polarimetry (SLP) imaging technology Portability with unique optics lock-down feature Integrated design Non-mydriatic operation New Windows® XP, SP3 New Prints to virtually any XP supported printer New Exports files in PDF, TIFF or JPEG formats New DICOM Gateway for compatibility with ZEISS networking solutions New Automatic mapping to an automatically generated IP address New Ability to browse the network; network neighborhood available
Acquisition	<ul style="list-style-type: none"> Omni-directional joystick Manual refraction entry 	<ul style="list-style-type: none"> New Intuitive Touch Screen or mouse-driven operation requires virtually no experience New AutoFocus optimizes imaging position Manual refraction entry New Live Fundus View ensures proper patient fixation prior to scan acquisition New Simple-Touch Automatic Pupil Alignment and Touch Screen acquisition require virtually no operator experience New Restart Alignment quickly returns the alignment back to the default setting New Low Vision Target accommodates patients with compromised central vision New Iris Image Check to rule out alignment issues after the scan
Analysis	<ul style="list-style-type: none"> Enhanced Corneal Compensation (ECC) targeted for 2009 availability Variable Corneal Compensation (VCC) available standard Guided Progression Analysis (GPA) available with GDx Review software Optional Screening Mode feature RNFL Normative database – VCC Nerve Fiber Indicator (NFI) – VCC 	<ul style="list-style-type: none"> New ECC available standard VCC available as an alternate analysis mode New GPA available standard with two options: Fast mode or extended mode New RNFL Normative database – ECC RNFL Normative database – VCC New Nerve Fiber Indicator (NFI) – ECC Nerve Fiber Indicator (NFI) – VCC

Technical Specifications		
Field of view	40 x 20 degrees	40 x 20 degrees
Processor	≤ 266 MHz processor	≥ 2.2 GHz processor
Video monitor	6.4" screen with 800 x 600 resolution	8.4" screen with 800 x 600 resolution
Minimum pupil diameter	2 mm	2 mm
Ametropia correction	-10 to +5 diopters	-13 to +8 diopters
Dimensions	61.0 L x 25.4 W x 35.6 H (cm)	63.5 L x 30.5 W x 40.6 H (cm)
Weight	45 lbs.	50 lbs.
Media	Floppy	DVD-RW
Peripherals interface	1 Parallel port	4 USB ports
Electrical requirements	100–240 V, 50/60 Hz	100–240 V, 50/60 Hz
Product safety	Complies with the following standards: IEC 60601-1, UL60601-1 CSA C22.2 No. 601.1-M90	Complies with the following standards: IEC 60601-1, UL60601-1 CSA C22.2 No. 601.1-M90

GDx.2091
 ©2008 Carl Zeiss Meditec, Inc. All rights reserved. Specifications subject to change. Printed in USA. 1008 2.5M
 GDxPRO, GDxVCC, GDx, RNFL Integrity, RNFL-I, ECC, and GPA are trademarks of Carl Zeiss Meditec, Inc.
 Windows is a registered trademark of its respective owner.

Carl Zeiss Meditec, Inc.
 5160 Hacienda Drive
 Dublin, CA 94568
 USA
 Phone: +1 925 557 4100
 Toll free: 1 800 342 9821
 Fax: +1 925 557 4101
 info@meditec.zeiss.com
 www.meditec.zeiss.com/us

Carl Zeiss Meditec AG
 Goeschwitzer Str. 51–52
 07745 Jena
 Germany
 Phone: +49 36 41 22 03 33
 Fax: +49 36 41 22 02 82
 info@meditec.zeiss.com
 www.meditec.zeiss.com