



OPD-Scan III

REFRACTIVE POWER / CORNEAL ANALYZER



NEW

OPD-Scan III

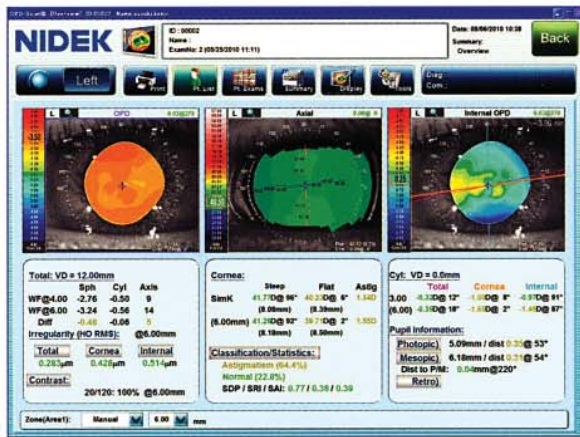
- Large measurement points
- Post-Op patient view simulation
- Pre-set summaries for your purpose
- TORIC IOL support
- Easy operation with 10.4 inch touch panel

5 in one

- Autorefractometry
- Keratometry
- Topography
- Wavefront
- Pupillometry



The Art of Eye Care



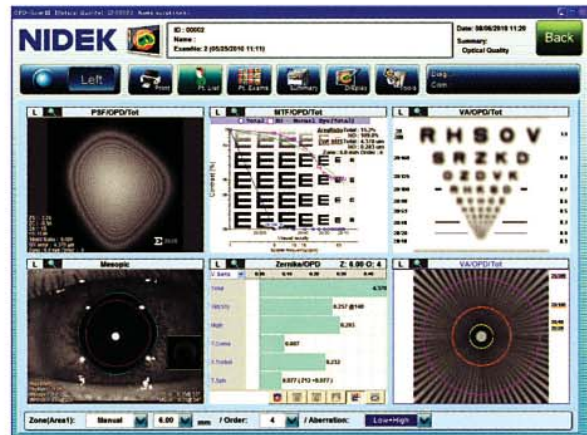
Overview



Cataract Summary



Toric IOL Summary



Optical Quality Summary

OPD-Scan III Specifications

Power mapping	
Spherical power range	-20.00 to +22.00 D
Cylindrical power range	0.00 to ± 12.00 D
Axis	0 to 180°
Measurement area	$\varnothing 2.0$ to 9.5 mm (7 zone measurement)
Measurement points	2,520 points (7 x 360)
Measuring time	< 1.0 seconds
Measurement method	Automated objective refraction (dynamic skiascopy)
Mapping methods	OPD, Internal OPD, Wavefront maps, Zernike graph, PSF, MTF graph, Visual Acuity
Corneal topography	
Measurement rings	33 vertical, 39 horizontal
Measurement area	$\varnothing 0.5$ to 11.0 mm ($r = 7.9$)
Dioptric range	33.75 to 67.5 D
Axis range	0 to 359°
Measurement points	More than 11,880
Mapping methods	Axial, Instantaneous, "Refractive", Elevation, Wavefront maps, Zernike graph, PSF, MTF graph, Visual Acuity

Working distance	75 mm
Auto tracking	X-Y-Z directions
Observation area	14 x 11 mm
Operating system	Windows embedded standard 2009
Display	10.4-inch color LCD touch panel
Printer	Built-in thermal type line printer for data print External color printer (optional) for map print
Power supply	100 to 240 Vac 50 / 60 Hz
Power consumption	110 VA
Dimensions / Mass	286 (W) x 525 (D) x 530 (H) mm / 23 kg

Not Available in USA

CE Mark pending

Specifications and design are subject to change without notice.

 Eye & Health Care
NIDEK CO., LTD.

HEAD OFFICE
34-14 Maehama, Hiroishi
Gamagori, Aichi 443-0038, Japan
Telephone: +81-533-67-6611
Facsimile: +81-533-67-6610
URL: <http://www.nidek.co.jp>
[Manufacturer]

**TOKYO OFFICE
(International Div.)**
3F Sumitomo Fudosan Hongo Bldg.,
3-22-5 Hongo, Bunkyo-ku, Tokyo
113-0033, Japan
Telephone: +81-3-5844-2641
Facsimile: +81-3-5844-2642
URL: <http://www.nidek.com>

NIDEK INC.
47651 Westinghouse Drive
Fremont, CA 94539, U.S.A.
Telephone: +1-510-226-5700
: +1-800-223-9044 (US only)
Facsimile: +1-510-226-5750
URL: <http://usa.nidek.com>

NIDEK S.A.
Europarc
13, rue Auguste Perret
94042 Créteil, 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>

