



Non Contact Tonometer

NT-530/510



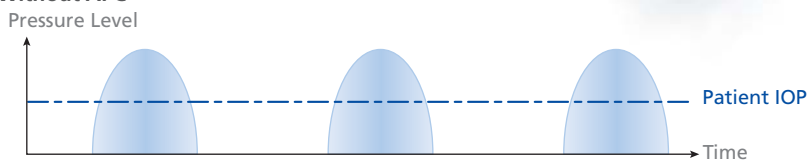
The Art of Eye Care

Non Contact Tonometer NT-530/510

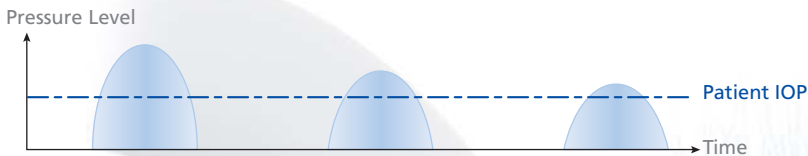
■ Softer and Quieter Air Puff

The NIDEK innovative technology enhances APC (Automatic Puff Control) to the next stage. It reduces the noise and air intensity. With the enhanced APC, the NT-530 / 510 achieves a softer and quieter air puff than ever, which allows the patient's more comfort.

Without APC



With APC



■ 3D Auto Tracking, Auto Shot, and Auto Complete

Based on a long experience in developing examination equipment, NIDEK incorporates the unique auto complete in the Non Contact Tonometer. In the AI (Artificial Intelligence) mode, the NT-530 automatically detects the most appropriate value and completes the measurement.



The combination of auto complete with the world renowned 3D auto tracking and auto shot provides the operator with the most ease, comfort, and accuracy on all measurements.

Function Model	Auto Tracking		Auto Shot	Auto Complete
	X - Y - Z	Y		
NT-530	○		○	○
NT-510		○	○	

○ : Standard





■ IOP Compensation by Corneal Thickness*

By entering patient's central corneal thickness, the operator can compensate the patient's IOP. The IOP compensation provides the correlation between the IOP and central corneal thickness, as LASIK patient's IOP change between pre and post operation.

*NT-530 Only



Entered patient's corneal thickness



Compensated patient's IOP

■ Attractive Tilttable 5.7-inch Color LCD



The clear 5.7-inch color LCD with tilting function offers easy operation even for a standing operator.

■ Motorized Chinrest



■ Printer with Easy Loading & Auto Detachment



■ Patient Safety



The "TOO CLOSE" message on the LCD and beep sound alert the operator that the patient's eye is too close to the air nozzle. Besides the safety stopper, these alarm functions enhance the patient's safety.

NT-530/510 Specifications

Model	NT-530	NT-510
Measurement range	1 to 60 mmHg	←
Measurement range setting	APC40, APC60 (APC = Automatic Puff Control), 40, 60	←
Working distance	11 mm	←
Eye fixation	Inner fixation light	←
IOP compensation by corneal thickness	Manually entering corneal thickness	Not available
Auto tracking / Auto shot	X-Y-Z direction Auto shot	Y direction Auto shot
Auto complete	Available	Not available
Display	Tiltable 5.7-inch color LCD	←
Printer	Thermal line printer with easy loading and auto cutter	←
Interface	RS-232C, LAN, USB	←
Power supply	AC 100 to 240 V ±10 %, 50 / 60 Hz	←
Power consumption	100 VA	←
Dimensions / Weight	260 (W) x 481 (D) x 457 (H) mm / 19 kg 10.24 (W) x 18.94 (D) x 17.99 (H)" / 41 lbs	←
Standard accessories	Printer paper, Power cord, Dust cover, Chinrest paper, Fixing pins	←
Optional accessories	Interface cable, Barcode scanner, Magnetic card reader	←

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



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 SOCIÉTÉ ANONYME
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>

