



Non Contact Tono / Pachymeter

TONOPACHY™ NT-530P



The Art of Eye Care

Non Contact Tono / Pachymeter

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Enhanced Combination System

Succeeding the TONOREF™II,
Auto Ref / Kerato / Tonometer,
NIDEK realizes the enhanced combination
system again in the TONOPACHY™ NT-530P,
the unique model combining Non Contact
Tonometer and Pachymeter in one unit.



■ Auto and Non Contact Pachymeter

Taking an advantage of the principle of Scheimpflug camera, the TONOPACHY™ NT-530P provides non contact measurement of patient's central corneal thickness. With its smart 3D auto tracking and auto shot, the TONOPACHY™ NT-530P allows safe, easy, and accurate measurement on the Pachymeter.



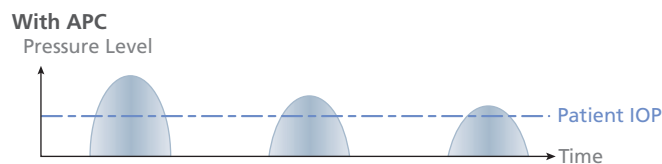
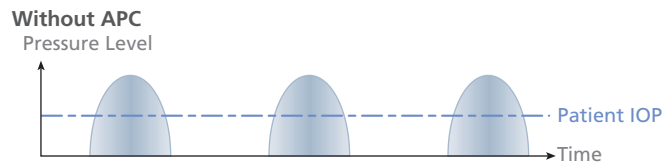
■ Automatic Calculation of Compensated IOP

The TONOPACHY™ NT-530P provides the automatic calculation function of the compensated IOP based on the central corneal thickness. This value can be used for the reference with consideration of patient's corneal thickness.



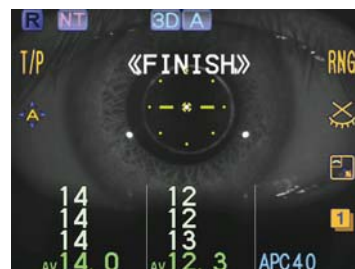
■ Softer and Quieter Air Puff

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 TONOPACHY™ NT-530P achieves a softer and quieter air puff than ever, which allows the patient's more comfort.



■ 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 TONOPACHY™ NT-530P 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.



TONOPACHY™ NT-530P Specifications

Non contact tonometer	
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
Non contact pachymeter	
Measurement range	150 to 1300 μm
Light source	Blue LED
IOP compensation by corneal thickness	Automatic calculation
Auto tracking / Auto shot	X-Y-Z direction Auto shot
Auto complete	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 474 (H) mm / 20 kg 10.24 (W) x 18.94 (D) x 18.66 (H)" / 44.1 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.



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>

