



Non Contact Tono / Pachymeter

TONOPACHY™ NT-530P



THE ART OF EYE CARE

Non Contact Tono / Pachymeter

TONOPACHY™ NT-530P

Enhanced Combination System

The TONOPACHY™ NT-530P is a unique combination of a Non Contact Tonometer and Pachymeter, allowing greater patient comfort and clinic efficiency.

The inclusion of the ACA mode allows visual observation of the anterior chamber angle further enhancing the clinical utility of the TONOPACHY™ NT-530P.



■ 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 3-D auto tracking and auto shot, the TONOPACHY™ NT-530P allows safe, easy, and accurate measurement on the Pachymeter.



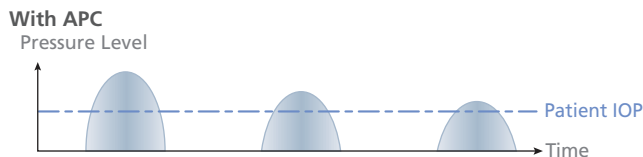
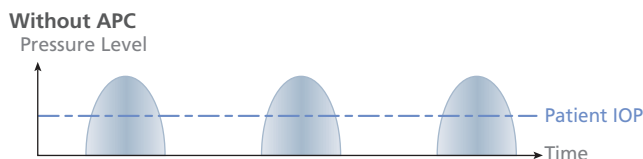
■ Automatic Calculation of Compensated IOP

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.



■ 3-D 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. The TONOPACHY™ NT-530P automatically detects the most appropriate value and completes the measurement.

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



■ ACA mode

The Anterior Chamber Angle mode allows the operator to capture an image of the anterior chamber angle. Along with the intraocular pressure, the visual observation of the anterior chamber angle further assists in the assessment of glaucoma.



Normal Eye



Closed-Angle Type

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	X-Y-Z directions
Auto shot	Available
Auto complete	Available
Display	Tilttable 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, 50 / 60 Hz
Power consumption	100 VA
Dimensions / Mass	260 (W) x 481 (D) x 474 (H) mm / 20 kg 10.2 (W) x 18.9 (D) x 18.7 (H)" / 44 lbs.

Product / Model name: NON CONTACT TONO / PACHYMETER NT-530P

Brochure and listed features of the device are intended for non-US practitioners.

Specifications may vary depending on circumstances in each country.

Specifications and design are subject to change without notice.



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