



Non Contact Tonometer
NT-530/510



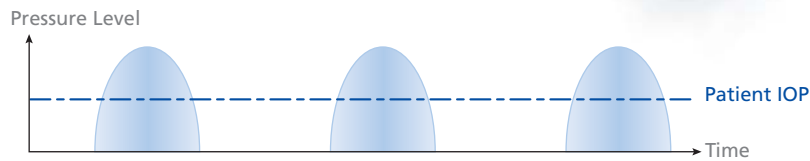
The Art of Eye Care

Non Contact Tonometer NT-530/510

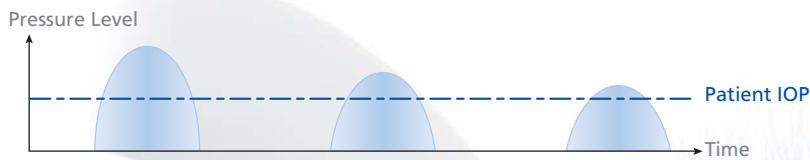
■ Softer and Quieter Air Puff

The NIDEK innovative technology enhances APC (Auto 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 maximum 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 world's first and 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 an 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 center corneal thickness, the operator can compensate the patient IOP. The IOP compensation provides the correlation between the patient IOP and center 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 5.7-inch VGA Tiltable Color LCD



The clear 5.7-inch VGA 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 mmHg to 60 mmHg	←
Measurement range setting	APC40, 60 (APC = Auto 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	5.7 " VGA color LCD tiltable	←
Printer	Thermal line printer with easy loading and auto cutter	←
Interface	RS-232C, LAN, USB	←
Power supply	AC 100 - 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 417.99 (H) ", 41 lbs	←
Standard accessories	Spare printer paper (x 3), Power cord, Dust cover, Chinrest paper, Fixing pins (x 2)	←
Optional accessories	Interface cable, Barcode reader, Card reader	←

*Specifications and design are subject to change without notice for improvement.



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