

# NT-510 NON-CONTACT TONOMETER



## **EASY AUTOMATIC ALIGNMENT AND MEASUREMENT**

Auto-tracking function allows the operator to instantly align and focus patient. Auto-measurement function automatically takes measurements after proper alignment.

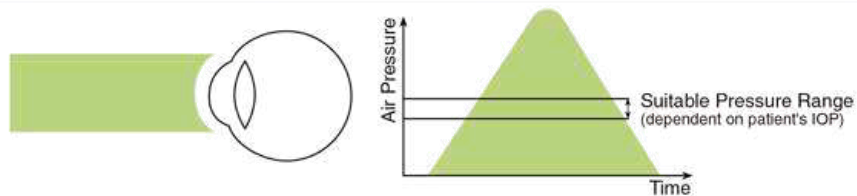
## **ADVANCED “SOFT AIR” PUFF CONTROL**

Advanced air puff pulse control produces minimum necessary air pressure for comfortable patient measurement. Each pulse of air is monitored and adjusted according to IOP measurements for increased accuracy.

## **OTHER NOTABLE FEATURES**

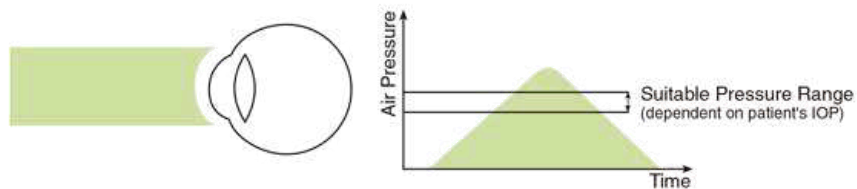
- Infinitely adjustable LCD screen accommodates various operator viewing angles.
- Motorized patient chinrest provides quick and convenient adjustments.
- Safety lock protects against accidental patient contact.
- Built-in printer.
- Sleek, attractive, modernized design.
- Computer interface provides for convenient data transfer.

## CONVENTIONAL NON-CONTACT TONOMETER OPERATION

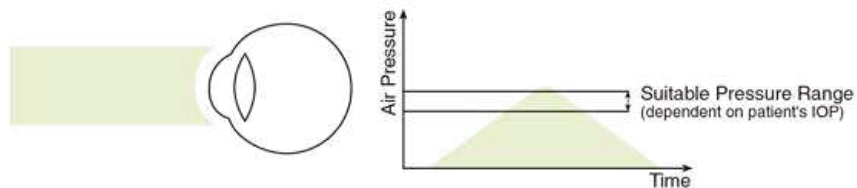


*This figure illustrates an air puff without control. High air pressure is released with each puff.*


## NT-510 NON-CONTACT TONOMETER OPERATION



*With the first measurement, our exclusive automatic shut-off mechanism stops the air puff immediately upon completion. Accurate IOP's can be measured with a minimum amount of pressure.*



*In subsequent measurements, Automatic Puff Control (APC) will be activated and a gentle, measured air puff will be released.*

The NT-510 is  
manufactured by Nidek. 

### SPECIFICATIONS

<b>Measurement Range</b>	1–40mm Hg, 1–60mm Hg (selectable)	<b>Monitor</b>	Tilting 5.7-inch color LCD display
<b>Measurement Unit</b>	1mm Hg	<b>Other Features</b>	Adjustable safety lock, Automatic air pressure control, and External interface
<b>Measurement Mode</b>	Automatic and Manual	<b>Dimensions</b>	10.2(w) x 18.9(d) x 17.9(h) inches; 260(w) x 481(d) x 457(h)mm
<b>Working Distance</b>	11mm	<b>Weight</b>	42 lbs.; 19 kg
<b>Alignment</b>	Automatic vertical alignment with one alignment light and focusing indicator	<b>Power Requirement</b>	AC 100-240±10%, 50/60 Hz, 100 VA
<b>Fixation Target</b>	Internal green fixation LED		
<b>Chinrest Operation</b>	Motorized up and down		
<b>Measurement Recordings</b>	Built-in thermal printer (three readings and the average)		

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