

NT-510 NON-CONTACT TONOMETER

EASY AUTOMATIC ALIGNMENT AND MEASUREMENT

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

ADVANCED "SOFT AIR" PUFF CONTROL

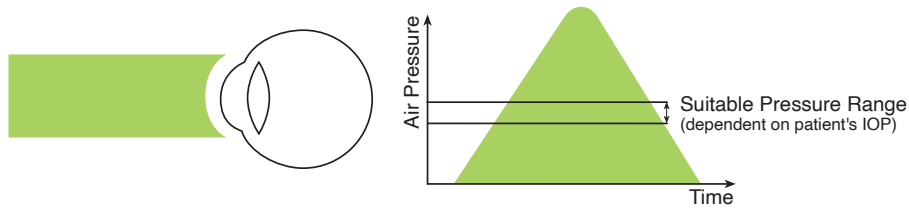
Advanced air puff pulse control produces minimum necessary air pressure for comfortable patient measurement. Each pulse of air is monitored and adjusted according to IOP measurements for increased accuracy.

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

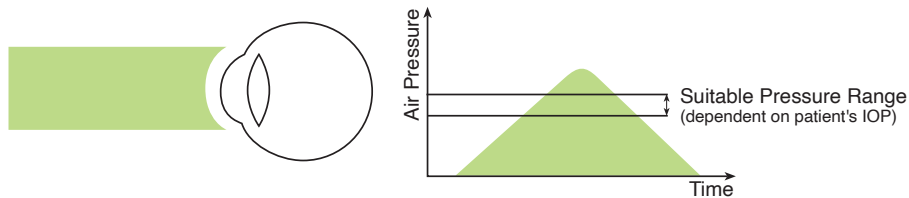


CONVENTIONAL NON-CONTACT TONOMETER OPERATION

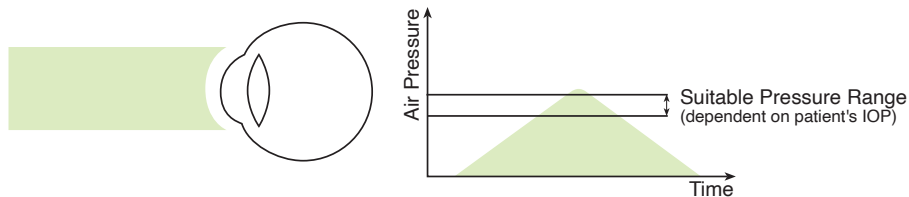


This figure illustrates an air puff without control. High air pressure is released with each puff.

NT-510 NON-CONTACT TONOMETER OPERATION



With the first measurement, our exclusive automatic shut off mechanism spots, 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.

NT-510 SPECIFICATIONS

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 correction by corneal thickness	Not available
Auto tracking	Y direction
Auto shot	Available
Auto complete	Not 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 457 (H) mm / 19 kg 10.2 (W) x 18.9 (D) x 18.0 (H)" / 42 lbs.



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