

# ATNC 550

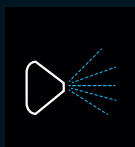


THE BEST COMBINATION OF  
**PRECISION**  
AND **COMFORT**



ATNC 550

NON-CONTACT TONOMETER



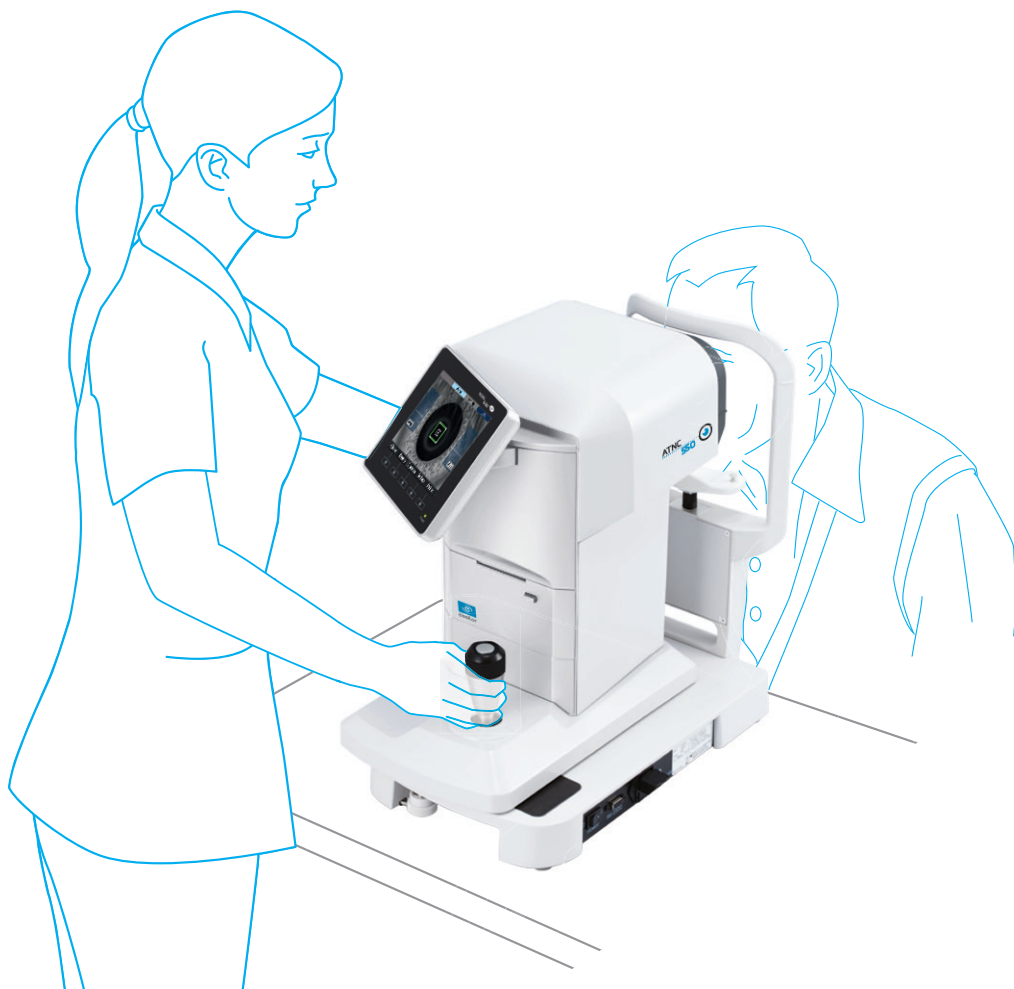
CCT  
COMPENSATION

Optometry



# THE BEST COMBINATION OF PRECISION AND COMFORT

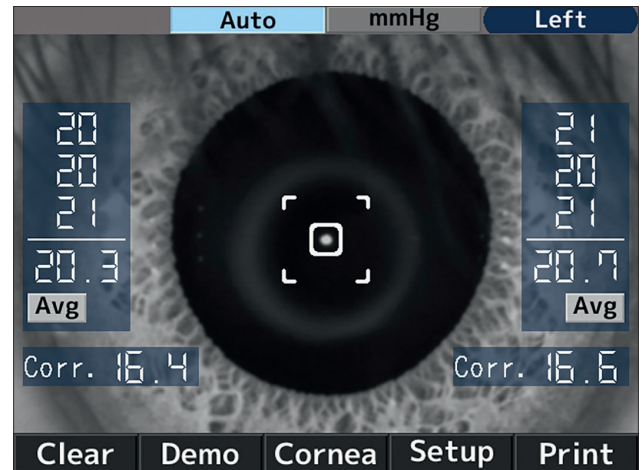
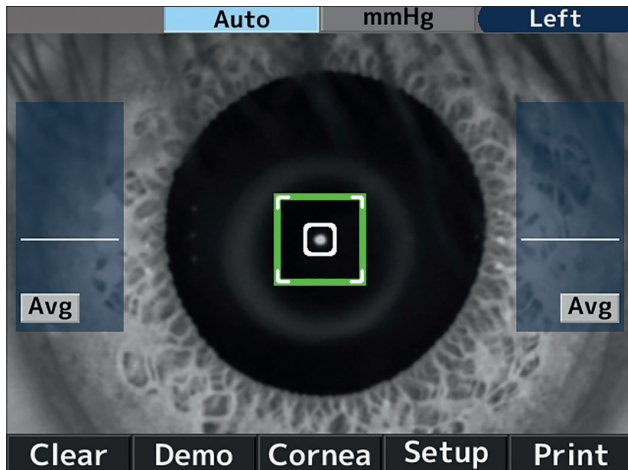
**ATNC 550** is a quiet and precise non-contact tonometer. It combines IOP measurement with corneal thickness data for a more reliable glaucoma screening. With its compact design and tilting screen, it fits perfectly in any practice.



## FLEXIBLE AND EASY OPERATION

- The ATNC 550 can comfortably be operated from both seated and standing positions.
- The screen can be tilted up, down and laterally to facilitate interaction with patient.
- The unit is easy to use thanks to the feather touch sensor button.





## ACCURATE DIAGNOSIS

- The measurement is taken with speed and simplicity to reduce patient stress, without compromising accuracy.
- Guided alignment and auto-shoot: Once aligned the target turns green, air pulse and measurement start automatically.
- The IOP value is corrected automatically by simply inputting the central corneal thickness. The data can be entered either before or after the measurement.
- Reliability Warning Display: When measurement is not reliable enough, an asterisk appears on the screen.



## IOP COMPENSATION BASED ON CCT VALUES

- + By entering patient's central corneal thickness [CCT], the operator can compensate the patient's intraocular pressure [IOP].
- + It reduces the risk to overestimate or underestimate patient's IOP. It is particularly relevant in glaucoma diagnosis and follow-up.

Right CCT(μm)	5	7	2
Left CCT(μm)	5	7	4



## ENHANCED PATIENT COMFORT

- The measurement time is kept to a minimum reducing patient stress.
- The ATNC 550 also provides a quiet and soft air puff to enhance patient comfort.
- An alarm is triggered to prevent contact with the patient's eye when the nozzle is too close.

# SPECIFICATIONS

<b>INTRAOCULAR PRESSURE MEASUREMENT</b>		<b>SHIFTING AND ADJUSTEMENT RANGE</b>	
Range	1 to 60 mm Hg or 0.1 to 8.0 kPa (The measurement values which are less than 7mmHg cannot be guaranteed.)	Measurement unit	Back/forth ±22 mm Right/left ±43 mm Up/down ±17 mm
Resolution	1 mmHg or 0.1 kPa	Chinrest	Vertical adjustment ±30 mm
Accuracy	±5 mmHg or ±0.7 kPa		
Working distance	11 mm		
<b>PRINTER</b>	Thermal printer (paper width 58 mm)	<b>BUILT-IN MONITOR</b>	5.7" LCD color monitor
<b>OUTPUT</b>	RS-232C interface	<b>POWER SUPPLY</b>	100 to 240 V. 50/60 Hz
<b>DIMENSION AND WEIGHT</b>	240(W) mm x 430(H) mm x 422(D) mm Approx. 13 kg	<b>POWER SAVING FUNCTION</b>	3, 5, 10 min (switchable)
			CE marking conformity



## PRODUCT FUNCTIONS



Tn Tonometry



Regulated air puff



CCT Compensation



Essilor International  
64 bis, avenue Aubert  
94306 Vincennes Cedex France  
Tel: 33 (0)1 72 94 71 00  
Fax: 33 (0)1 72 94 70 27  
www.essilor-instruments.com

Your contact: