

accurate

Do you choose the world's
easiest NCT or the world's
most portable?



fast

easy

portable

automatic

Now you can have the best of both worlds
 for your practice — the easy to use AT555
 Non-Contact Tonometer and the PT100
 Non-Contact Tonometer, the world's first
 and only truly portable, cordless NCT.



The AT555 is ideal for your practice or consulting room. Fully automated operation means fast, error-free readings that any member of your staff is capable of making. It's easier on your patients and undemanding of you and your staff. No tonometer is simpler to operate.

The AT555 is fully automated
 Operation of the AT555 is extremely easy. Patients simply lean against the instrument's forehead rest while the operator presses a single button to activate the fully automatic alignment and IOP measurement process. First time operators can be fully trained to take fast and accurate IOP measurements in minutes.

Innovative features of the AT555



AT555 features simple push button operation.

AT555 has a headrest that enables easy patient positioning.

AT555 has bright red LEDs for fast fixation.

The PT100 totally portable cordless NCT expands your capabilities beyond your practice. You can use it anywhere, allowing you to better accommodate wheelchair-bound patients and to meet the needs of underserved populations in nursing homes and clinics. You can also conduct screening events that will broaden your practice and benefit your community. The PT100 is such a versatile, practice-enhancing tool you may need more than one.



The PT100: portable, accurate and easy

- Completely cordless operation for total portability
- Delivers about 250 measurements per charge
- IOP measurement is completely automatic
- Comfortable, balanced, lightweight design
- All measurement data clearly displayed on LCD screen
- Recharging unit, IR printer and custom carrying case included
- Wireless data transfer capability
- Compact footprint for minimal space usage
- May qualify for US ADA tax deduction*



PT100 visual indicators guide operator to correct alignment position.

The PT100 is the world's only truly cordless, portable NCT

Using the PT100 couldn't be easier. The operator enjoys a full view of the patient's eye at all times, making alignment fast and simple. Visual indicators guide the operator to the correct alignment position. Once alignment is achieved the PT100 automatically takes an IOP measurement.



*Refer to Americans with Disabilities Act, Title 26, Internal Revenue Code, Section 44.

Easy-to-use, icon-based operating system.

Left/Right Sliding Headrest

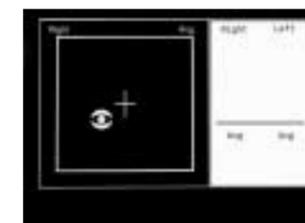
A sliding headrest enables easy head positioning for the patient to ensure fast and comfortable measurements. The operator simply slides the headrest to the left or right position and invites the patient to position their head against the comfortable headrest pad. The AT555 automatically detects which eye is being measured.

Bright LED Array for fast fixation

The AT555 nosepiece contains an array of bright red LEDs. These provide an obvious visual cue to the patient for fast fixation and alignment, thereby reducing measurement time.

Operator Interface

An "eye" icon on the display shows the operator how the instrument's auto alignment system is positioning itself to make a measurement.



The AT555 offers easy operation for fast, accurate IOP measurements

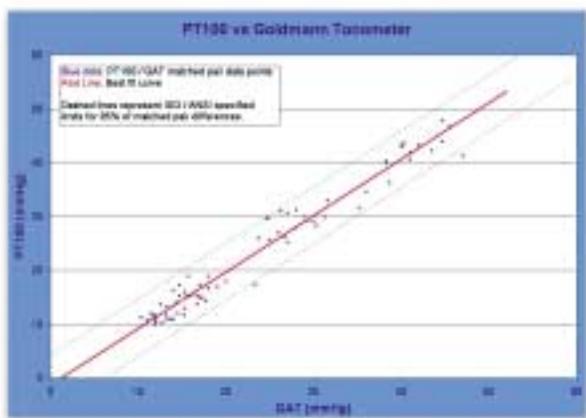
- No chinrest, joystick or elevation controls
- Patients simply lean against the forehead rest
- Alignment is completely automated
- Easy-to-use, icon-based operating system
- Clearly displays all measurement data
- Internal printer simplifies record keeping
- Electronic data transfer capability
- Maintenance free, with no bulbs to change

Patient comfort is maximized

Neither the AT555 or PT100 utilizes chinrests, joysticks or elevation controls. Patients simply view a fixation target - and moments later experience the gentlest air puff available on any NCT. The procedure is fast, quiet and convenient, with no patient discomfort.

Reichert is the world leader in non-contact tonometry.

Since the introduction of the world's first NCT more than 30 years ago, numerous clinical studies have proven the accuracy and reliability of Reichert non-contact tonometers. Historical studies have shown that Reichert NCT's perform as well or better than Goldmann applanation tonometry when compared to itself (2 operators / 2 GAT instruments vs. 2 operators / 2 NCT instruments). The PT100 is no exception. The clinical data illustrated below indicates that the PT100 consistently correlates to Goldmann measurements and exceeds the standards specified by ISO and ANSI for matched pair differences.



With the introduction of the PT100, Reichert is the only company to offer two NCT's. Fortunately, you don't have to choose just one, because it makes sense to have both.

AT555

Catalog Numbers

AT555 110V/120V	13910
AT555 220V/240V	13911

Specifications

Height	17 in., 43.0 cm
Width	9-1/2 in., 24.0 cm
Depth	13-1/2 in., 34.0 cm
Weight, Unpacked	30 lbs., 13.6 kg
Frequency	50/60 Hz
Measurement Range	0-60 mmHg

PT100

Catalog Number	13850
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Specifications

Height	10 in., 25.4 cm
Width	5 in., 12.7 cm
Depth	8 in., 20.5 cm
Weight, Unpacked	2.7 lbs., 1.26 kg (measurement head)
Measurement Range	0-60 mmHg

Federal law restricts this device to sale by or on the order of a physician.



PT100 Carrying Case



PT100 IR Printer

Call your authorized Reichert Ophthalmic Instruments Distributor today.

Important Notice

For your own protection, only purchase your Reichert Ophthalmic Instruments from and have them serviced by an Authorized Reichert Distributor.



Reichert products are designed and manufactured under quality processes meeting ISO 9001 requirements.

Reichert
Ophthalmic Instruments

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