# Non-Contact TONOMETER

## NCT-200

### Specifications

- **Intracocular pressure (IOP) measurement range:** 1mmHg~62mmHg (14Pa~8.4kPa)
- **Measurement resolution:** 1mmHg/0.15Pa
- **Working distance:** 11mm
- **Stimulus:** Flicker light: green (tinting/non-tinting options)
- **Startup method:** Manual, automatic
- **IOP correction function:** With a corneal thickness input function
- **Suction monitor body:** 5.7 inch color LCD monitor
- **Printer:** Thermal line printer (paper width 58mm)
- **Power voltage/frequency:** AC100~240V, 50/60Hz
- **Power consumption:** 40VA
- **Power saving function:** OFF, 3, 5, 10min, selectable
- **Data Output:** RS-232C interface

### Standard Accessories

- Operation Manual
- Power cord
- Printer paper
- Fuse
- Dust cover
- Measuring nozzle cap
- Paper covers for chin rest
- Chin rest cover pin

### External Diagram (to scale) and Part Identification

- **LCD monitor**
- **Touch sensor panel**
- **Printer cover**
- **Base**
- **Rubber feet**
- **Non-slip rolling shoe**
- **Measurement start switch**
- **Auto**
- **Control prevention lock button**
- **Data read knob**
- **Power switch**
- **RS-232C connector**
- **Power plug connector**
- **Chin rest**
- **Rubber head rest**
- **Measuring handle**

*Design and specifications are subject to change without notice.*

---

**Distributed by**

Reexam Co., Ltd.  
Kagawa factory  
916, Bechi, Kikawa-cho, Takamatsu, Kagawa 761-1634, Japan

**Contact**

Eye-care Instruments Sales Dept. Tokyo Office  
2-4-2 Kandatsukasa-machi, Chiyoda-ku, Tokyo, 101-0048, Japan  
TEL: 81-3-6262-9471  
FAX: 81-3-6262-9472

**Email:** eye@reexam.co.jp  
**URL:** http://www.reexam.co.jp  
**URL:** http://www.shin-nippon.co.jp

Printed in Japan 2/3/0000
New Non-contact Tonometer!

Softer and quieter... A high-quality, smart & silent model

Smart, Silent & Comfort Design

Softer and Quieter... Introducing a patient-friendly non-contact tonometer that keeps patient stress to a minimum during measurement. A brand-new design from the measurement engine to the optical unit, Through the pursuit of ergonomics and exquisite detail with optimal material selection, we have achieved a simple and compact body design with uniform ACCUREF that offers superb operability and solid reliability.

Newly-developed smart puffing control system (S.P.C)
The S.P.C system, which includes our newly developed algorithm measurement engine, makes it possible to adjust air pressure instantly and precisely to match the patient’s intraocular pressure. It also keeps noise to a minimum and ensures soft air pressure.

Newly designed smart alignment & auto shot function
Smooth and accurate alignment function. Once aligned, air pulse and measurement commence automatically. By keeping measurement time to a minimum, patient stress is reduced.

Reliability Warning Display
The warning mechanism displays an amber on the screen when measurement reliability is low.

New Generation

DESIGN & STYLE

Exquisite detail and quality, Sophisticated shape combined with soft curves and the attractive color with high-quality lexicon metals and high-quality paintwork which complements any interior and appeals atmosphere of trust to the customer.

Improved forehead and chin rests
Side tabs mounted to each side of the measurement window enabling to block out the light realizes high accuracy. The modified shapes of the forehead rest and the chin rest help to minimize stress of the patient.

Simple & Easy Operation

A 5.7-inch flat monitor with excellent visibility swivels to the left (30°) and tilts vertically (40°) to support the patient during measurement. Operating monitor newly designed specifically for NCT-200. Screen interface with user-friendly color plan/layout ensures easy intuitive operation.

Feather touch sensor button
The feather touch sensor button, designed for compatibility and interface with the screen, makes our non-contact tonometer easy and reliable to operate.

Left tilted
30°
Vertical tilt
40°

Expanded vertical tilt range
The adjustment range of the vertical tilt angle has been expanded to 40°. The unit can comfortably be operated from both seated and standing positions.

Three functions for superior safety
When the nozzle is too close to the patient’s eye, an alarm is triggered and the words “Too Close” appear on the monitor. In addition, the safety stopper function prevents contact with the patient’s eye.

New Joystick
The completely redesigned joystick with the shape and top button allows the operator to control the unit with more precise and instinctive movement.