

# NCT-200

## Non-Contact Tonometer





## About Us

### Rex + Max = Rexam

Rexam, which means 'the king of the kings', is a respected and reliable brand.

Rexam is a Japanese company with a celebrated 60 year history. With over 3,000 employees worldwide, Rexam manufacture a wide range of products for various industries; from factory automation, automobiles and air conditioning systems, to beer and ski boots.

Since 1986, Rexam has manufactured various high quality products for leading brands in the eye care industry, including SHIN-NIPPON. Rexam had developed and manufactured products for SHIN-NIPPON since 1993 and in 2014 the company took over the SHIN-NIPPON brand.

We will be bringing high quality ophthalmic equipment to a global market. By combining precision engineering with industry leading innovation and experience in mass production, Rexam produce unique products to support eye care specialists across the world.

Quality in vision care, we are Rexam.



1960  
Foundation of Rexam

1986  
Rexam started the development and manufacturing of ophthalmic devices as an OEM supplier

1993  
Rexam became the main OEM partner for SHIN-NIPPON

**SHIN-NIPPON**

2014  
Rexam acquired the SHIN-NIPPON brand  
**SHIN-NIPPON** by Rexam

2018  
The manufacturer brand Rexam was inaugurated  
**Rexam**

**Rexam**  
Quality in vision care

Proudly  Made in Japan



# Compact & Ergonomic Design with Simple Operation.

The air puff of Rexxam's Non-Contact Tonometer is gentle and quiet which minimises patient anxiety during measurement. Alignment is swift and easy to operate. Through the pursuit of ergonomics and attention to detail combined with optimal material selection, Rexxam has achieved a compact design with superb operability and solid reliability.

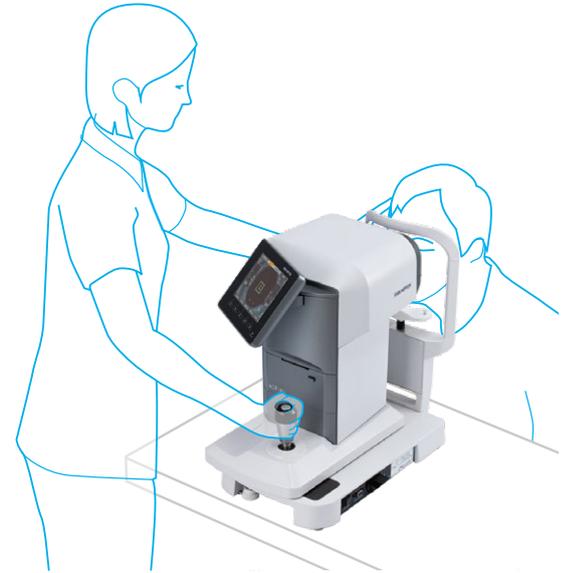
- Smart Puff Control system (SPC)
- IOP correction function
- Small footprint
- Easy alignment with auto measurement
- On-board thermal printer
- Safty stop

Comfortable and Efficient



## Optimum monitor tilting and swivel angles

The monitor 30° left swivel allows user to assist patient position whilst operating the joystick. The 40° vertical tilt provides convenient operation in either a standing or sitting position.



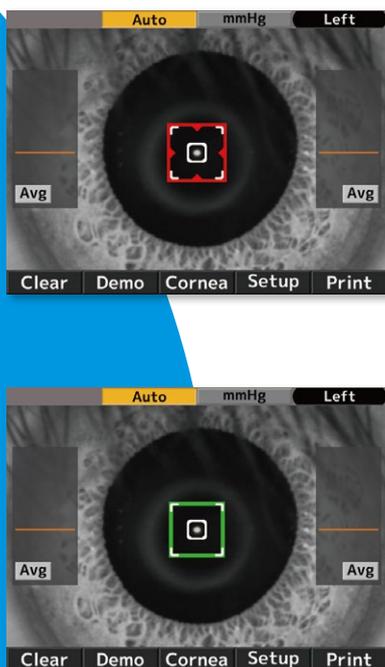
## Smart Puff Control system (SPC)

The SPC system includes a newly developed algorithm measurement engine that instantly and precisely adjusts its air pressure to match patient intraocular pressure (IOP). Its quiet, soft air puff enhances patient comfort.



## Smart Alignment & Auto Shoot function

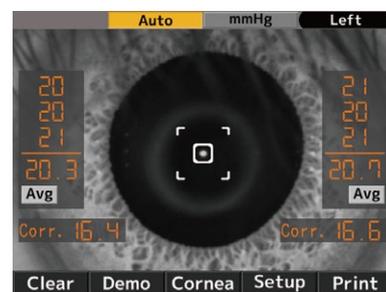
Smooth and accurate alignment function. Once aligned, automatic air puff measurement begins. Smooth and speedy operation that minimises patient anxiety.



Turns green when aligned, triggering automatic measurement.

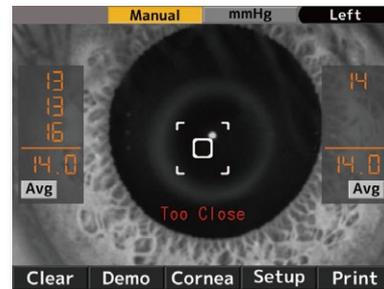
## IOP Correction Function

The IOP value is automatically corrected (Corr.) by the input of the central corneal thickness measurement. The correction can be made either before or after measurement.



## Triple safety system

The safety stopper prevents the nozzle from coming in contact with the patient's eye. Just in case the safety stopper is not properly locked in position, an alert "Beep" sound triggers and warning message "Too Close" appears on the monitor.



## Capacitive touch sensor buttons

The capacitive touch sensor buttons work responsively whilst keeping the main screen clear from fingerprints, etc.



## Intuitive joystick operation

The solid and ergonomic joystick ensures intuitive, comfortable and smooth operation.



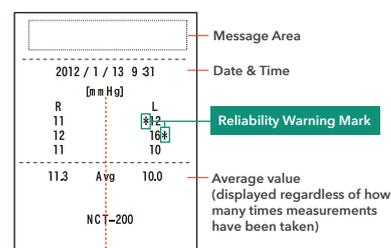
## Breath shield

A dedicated breath shield is available for hygiene or social distancing purposes. (Optional)



## Reliability warning mark

The smart warning mechanism displays an asterisk (\*) on screen as well as on the printout, to indicate when the measured value has low reliability.



Right Eye      Left Eye

\* display on the left

"Is the measurement point properly aligned?"

\* display on the right

"Is the patient's eye opened wide?"





|   |   |                                   |
|---|---|-----------------------------------|
| Intraocular Pressure(IOP) Measurement Range | 1mmHg ~ 60mmHg / 0.1kPa ~ 8.0kPa  |                                   |
| Measurement Resolution                      | 1mmHg / 0.1kPa  |                                   |
| Working Distance                            | 11mm  |                                   |
| Target                                      | Fixation Light : Green ( Blinking / Non-Blinking selectable )           |                                   |
| Start-up Method                             | Manual , Automatic  |                                   |
| IOP Correction Function                     | With a corneal thickness input function                                 |                                   |
| Monitor                                     | 5.7 inch color LCD monitor  |                                   |
| Printer                                     | Thermal line printer  |                                   |
| Power                                       | Power Voltage   | AC 100 - 240 V , 50/60Hz          |
|   | Power Consumption   | 60VA                              |
|   | Sleep Mode  | OFF , 3 , 5 , 10 min (selectable) |
| Data Output                                 | RS-232C interface   |                                   |
| Size  | Weight  | approx. 13kg                      |
|   | Dimensions  | 240mm(W) × 422mm(D) × 430mm(H)    |
| Movement Range of The Measurement Unit      | Forward - Backward : ±22mm<br>Right - Left : ±43mm<br>Up - Down : ±17mm |                                   |
| Movement Range of The Chin Rest             | Up - Down : ±30mm   |                                   |
| Movement Range of LCD                       | Swivel : left 30°   |                                   |
|   | Vertical Tilt : up 40°  |                                   |

## Included Items

- Measuring Nozzle Cap
- Printer Roll Paper
- Chin Rest Paper
- Chin Rest Paper Pin
- Spare Fuse
- Dust Cover

Design and specifications are subject to change without prior notice.

### Manufacturer



Quality in vision care

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