



# ESR-ST1000

# ESR-ST1000P

Non contact tonometer



OPHTHALMOLOGY / ENT



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## Basic Specifications

ESR-ST1000 Tonometer only

ESR-ST1000P tonometer with pachymeter

Intraocular pressure (IOP) measuring range: 1~30mmHg / 1~60mmHg (precision of 1mmHg)

Measuring system: dual sensor system of light and pressure

Working distance:  $\geq 11$ mm

R/L: automatic detection and display

Measuring result: 10 times per eye; 3 times result printing per eye

Recording: build-in printer

Measuring mode: auto/manual

Focus: when luminous spot is in the focus frame, 2 modes can be chosen.

auto mode: auto intraocular pressure measurement

manual mode: when it's good focus, the frame will turn yellow into green, and click to start the measurement

Error indication: if the measurement signal is weak, the IOP will be enclosed by ( ), or display "ERR "

Safety limit button: install measurement for minimum distance between head and patient

Safety functions: the distance between air nozzle and cornea is controlled in preset range (such as 11mm); it will stop going forward when the cornea is too closed to air head.

Movement range:  $\geq 30$ mm (front to back) / 90mm (left to right) / 30mm (vertical)

Jaw layer vertical movement: 0~65mm with under jaw layer

Display mode: 10.1-inch HDMI color LED touch monitor

Output port: USB2.0

Working platform: electric elevating platform

## Others

Size: 380x460x505mm (LxWxH)

Weight: 19.7kg

Power supply: 220V/50HZ

## Product features

Auto tonometer utilizes image control and feature recognition for auto 3D positioning of xyz with reliable judgment and measurement results, and easy to operate.

The air non-contact approach to measure IOP can also be used for corneal thickness (ESR-ST1000P)

## Performance Features

Auto 3D positioning of xyz results in precise and reliable measurement

Full-auto measurement for both right and left eye data without manual switch

Easy to operate the tonometer with color touch monitor

Stable data of IOP through soft air measurement

To compensate corneal thickness measurement of IOP



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