

TONOMETRY TH1U

Portable Non-Contact Tonometer





Complete the test in 3 steps



click the Start button



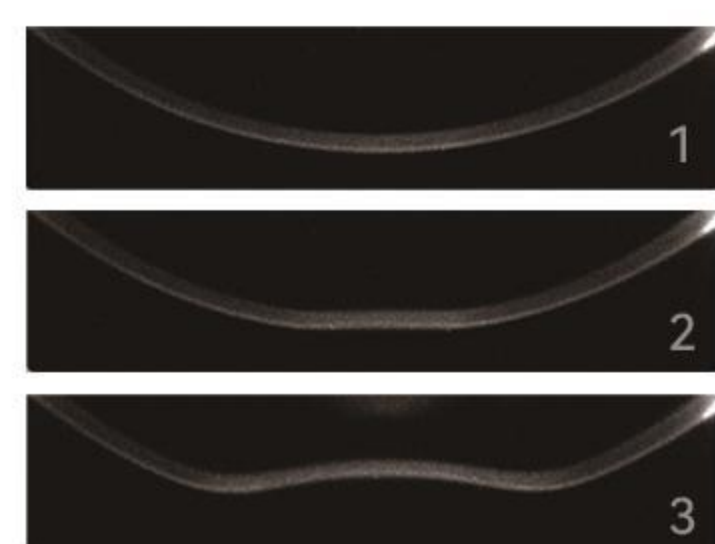
Look at guide light, automatic alignment



complete the test to get the result



3 Core strengths 核心优势



corneal deformation process

Daily monitoring

- Easily measure IOP in the morning, afternoon, and evening
- Test IOP 12 times every 24 hours to effectively monitor IOP fluctuations



intraocular Pressure Data Platform

Accurate measurements

- Adopts a new generation of technology that accurately maps the corneal curve deformation
- IOP pressure is measured based on corneal biomechanics



automatic detection of left/right eye

Digitization

- Equipped with an advanced digital solution – IOP Data Platform
- IOP app provides automatic generation of intraocular pressure curves

✓ Portable Non-Contact Tonometer

beautiful
small

comfortable
experience

real time
transmit

Usage scenarios

Community clinics, ophthalmology clinics.
inpatient departments, optometry centers.
physical examination institutions,
nursing homes, and outpatient screening



Non-contact

- Gentle airflow
- 30/60mmHg range automatic switching



Data transmission

- The device data is transmitted to the doctor in real time for easy monitoring and diagnosis



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Tonomy TH1U Technical parameters

measurement range	1-60mmHg (including automatic switching between 30/60mmHg)
measure increments	1mmHg
measure distance	11mm
focus	automatic
how to use	self-test
guide light	blue guide light
slit light source	470um LED complies with ISO 15004-2:2007 ophthalmic light source safety requirements
high-speed camera	the resolution is 768x200, and the maximum frame rate is 3400/s
eye positioning camera	XYZ three-axis automatic positioning and alignment
display screen	3.5-inch color TFT display
sound	adjustable volume external speaker to guide the user through voice
motion tracking range	the XYZ three-axis movement tracking range is 12mm
dimensions (WxLxH)	160±5mm x 268mm±5mm x 396±5mm
weight	4.5±1KG
power supply	~100V-240V, 50/60Hz, 1.3A

* Due to product upgrades and other reasons, sample drawings and specifications are subject to change without prior notice.



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official account