

NON-CONTACT PUFF TENOMETER

medsurge 
technics for life

 **REDSUN**



Non-Contact Puff Tonometer

Feature:

- 7" Touch screen , can be turned 180° up and down, 60° left and right .
- 3D tracking, motorized chinrest , full automatic
- Finished one eye will automatic move to another eye , till finish , do not need doctor do anything, Auto print .
- The accurate corneal thickness measurement function is provided to provide intraocular pressure. Compensation value and automatically calibrate the intraocular pressure value
- The machine can be connected to the database system through DICOM3.0 to archive and read the data , which conforms to new era hospital standard

Technical Data

- Display 7" 1024*600 color touch screen, support up and down 180°;60°; left and right
 - Fixation lamp 1. internal fixation lamp (green LED);
2. external fixation lamps
 - Measuring head moving range Uo and down stroke :45mm , left and right stroke:90mm, front and back stroke:40mm
 - Lifting range of lower jaw drag 68mm
 - Working distance 11mm(calculated from the front of nozzle)
 - Measurement accuracy 1mm Hg(0.133Kpa)
 - Measuring range 0-60mmHg (0-8kpa)(including free switching between 30/60mmHg)
 - Power supply AC100-240V, 50-60Hz
 - Ambient Temperature 50°C
 - Scope of operation 16mm x10mm
 - Printer Built-in thermal printer
 - Data storage Internal memory card+optional external USB memory
 - Networking DICOM3.0
 - Measurement mode Full automatic/automatic/manual
 - Operating system Embedded system
 - Mobile platform Fully automatic platform/manual platform
 - Data input and output Input:USB, output:LAN/RS232C
 - Focusing mode 3D full auto focus /manual focus
 - Jet detection After power on , check whether the measuring system of the instrument works normally
 - Safety limit Support
 - Intraocular pressure measurement Each eye was measured three times continuously, and the average value was calculated
- Normal intraocular pressure range:
10-21mmHg(1.33kpa-2.80kpa)
- Normal corneal thickness :about 550um
- Full automatic measurement Press the measurement button to complete the intraocular pressure test automatically
 - 24 hour dynamic intraocular pressure measurement It can monitor intracular pressure dynamically 24 hours , and print , it on the same report sheet with intraocular pressure data
 - Printing Data can be printed directly after measurement
 - Storage 10 sts of measurement data can be stored
 - Data export Can be exported to PDF or JPG format
 - Size and weight 500*300*500 mm <25kg



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