ESK–5000 ESK––5000B Air Puff Tonometer

ESK–5000   Tonometer

ESK–5000P Tonometer with pachymeter

Feature:

1.7" Touch screen , can be turned 180°up and down, 60° left and right .

2.3D tracking, motorized chinrest , full automatic

　Finished one eye will automatic move to another eye , till finish ,

　do not need doctor do anything,

　Auto print .

3.The accurate corneal thickness measurement function is provided to provide

　intraocular pressure. Compensation value and automatically calibrate the intraocular

　pressure value

4.The machine can be connected to the database system through DICOM3.0 to archive

and read the dta , 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℃
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