



NON CONTACT TONOMETER



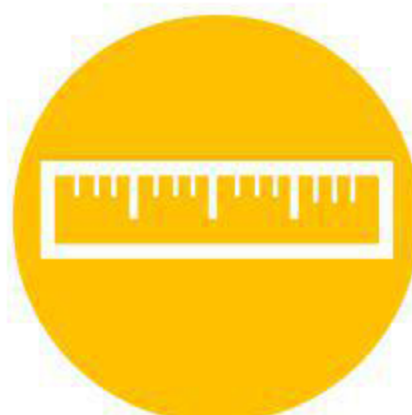
FAST, SAFE and CONVENIENT

- **Touch lightly, 3D automatic intraocular pressure measurement for both eyes**

- Air jet test: after the machine is turned on, check whether the measuring system of the instrument works normally
- Safety limit: it can avoid the contact between the air jet mouth and the patient's eyes. When the air jet mouth is too close to the patient's eyes, the buzzer will give an alarm
- It can monitor intraocular pressure dynamically 24 hours, and print it on the same report sheet with intraocular pressure data



The touch control screen can be turned 180° up and down, 60° left and right, which is convenient for the operator to support the patient and lift the eyelid.

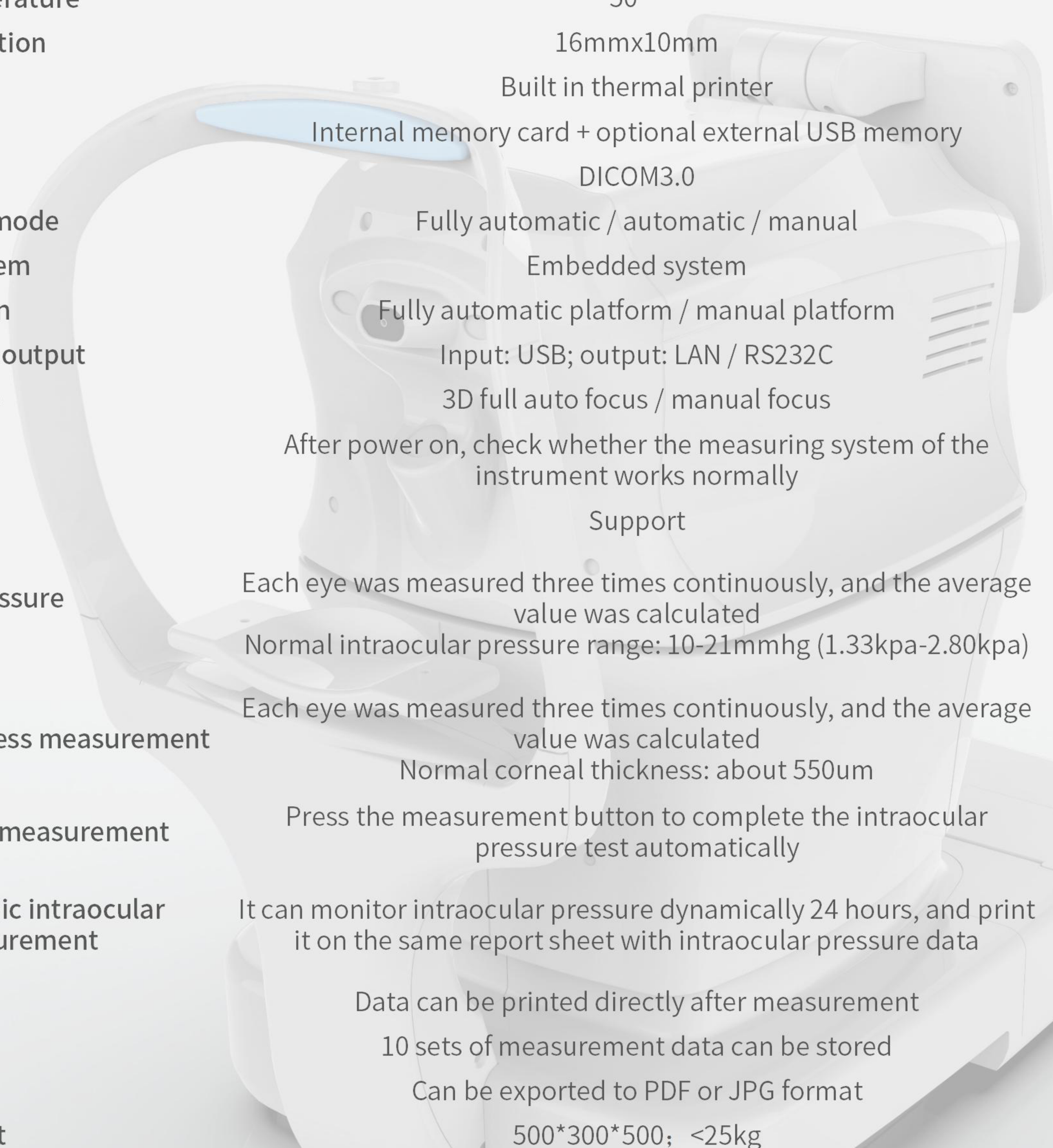


The accurate corneal thickness measurement function is provided to provide intraocular pressure compensation value and automatically calibrate the intraocular pressure value.



The machine can be connected to the database system through DICOM3.0 to archive and read the data, which conforms to the new era hospital standard.

SPECIFICATION



Display	7" 1024 * 600 color touch screen Support up and down 180 ° , left and right 60 ° turning
Fixation lamp	1 internal fixation lamp (green LED); 2 external fixation lamps
Measuring head moving range	Up 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	1mmHg (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	16mmx10mm
Printer	Built in thermal printer
Data storage	Internal memory card + optional external USB memory
Networking	DICOM3.0
Measurement mode	Fully 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)
Corneal thickness measurement	Each eye was measured three times continuously, and the average value was calculated 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 intraocular 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 sets of measurement data can be stored
Data export	Can be exported to PDF or JPG format
Size and weight	500*300*500; <25kg