SHTOPVIEW

GLASSES
EQUIPMENT

医疗眼镜设备专业制造商

SPECIALIZED MANUFACTURER OF MEDICAL TECHNOLOGY
AND EYEGLASSES EQUIPMENT

上海拓扑威实业有限公司
Shanghai Top View Industrial Co.,Ltd

SHTOPVIEW

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FDA Link:http://www.accessdata.fda.gov/
scripts/cdrh/cfdocs/cfRL/rl.cfm?rid=228201

VISUAL CHART

CS-1000B

Shanghai Top View Industrial Co., Ltd.

Business License Number: 91310115066028102F
Registered Address: Room 150, Building 3, No. 2558, Zhouzhu Road,
Pudong New Area, Shanghai, China
Audit Address: Room 605, 606, 6th Floor, Building 1, North Zone, Phase I,
No. 588, Jiwen Road, Baoshan District, Shanghai, China

applicable to

Sales of ophthalmic medical equipment (chart projector, phoropter, LCD visual acuity chart, ophthalmic unit, electric lifting table, auto refractometer keratometer, auto lensmeter, slit lamp microscope, retina lens, keratometer, trial lens box, trial frame, tonometer, direct ophthalmoscope, indirect ophthalmoscope, retinoscope, operation microscope, perimeter, fundus camera, ophthalmic AB ultrasound, ophthalmic ABP ultrasound, ophthalmic Nd:YAG laser therapy device, corneal topography) (export only)

has been assessed and registered by POSI against the provisions of
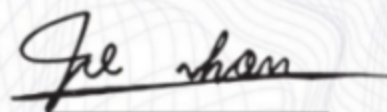
GB/T 42061-2022/ISO 13485:2016

This registration is subject to the company maintaining a Quality Management System,
to the above standard, which will be monitored by POSI.
Certified organization shall accept regular surveillance audit, the validity of certificates shall be
maintained for the positive result of audit.
Please consult the website: www.posicert.com
The certificate information is also available on the CNCA official website: http://cx.cnca.cn.

General Manager

Certificate Registration No: 381240219R0S
Initial issue date: 2024.06.25   Issue date: 2024.06.25   Valid until: 2027.06.24
Shanghai POSI Certification Co., Ltd.
Room 1402A, No.1500, Century Avenue, China (Shanghai) Pilot Free Trade Zone. Email: info@posicert.com

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Reference number: EB-2023090502
Issued on: September 05, 2023
Valid until: September 04, 2028
This certificate will be automatically void if the Notification is rejected by the EU Authorities or upon termination of the EU AUTHORISED REPRESENTATIVE'S MANDATE.

This is certified that, According to MDR Regulation (EU) 2017/745, and the party below accepts the appointment to be the Authorised European Representative for product which listed in attached agreement between below manufacturer and the party below:

Manufacturer: SHANGHAI TOP VIEW INDUSTRIAL CO LTD
Address: Room 605, building #1, NO.588 ji wen Road, Baoshan District, Shanghai
Authorised European Representative: Everbiz GmbH
Address: Rosa-Hofmann-Straße 33, 5020 Salzburg, Austria

The Manufacturer declares that below mentioned product complies with European Regulations, Rules and Standards including but not limited to MDR Regulation (EU) 2017/745

Product Name: SLIT LAMP MICROSCOPES
Classification: Class I
Registration number: AT/CA01/M0021350-01
Where the manufacturer affix the CE marking to the product listed they must ensure that all the requirements of the appropriate EU directive(s) and standards have and continue to be met.

SHTOPVIEW

上海拓扑威实业有限公司

2008年在中国上海成立，是从事光学领域开发、生产、销售和服务的最大专业化公司之一。
我们的主要产品包括眼科验光组合台、自动验光仪、查片仪、视力测试仪、裂隙灯、镜片磨边机等，
我们还提供眼科检查医疗仪器，帮助患者改善"视力"状况和治疗眼部疾病。此外，我们还专门为
眼镜店老板和光学中心提供眼镜装配工具和镜片切割机器。

我们拥有高科技的研发团队、先进的仪器和受过良好教育的员工团队。
凭借多年的出口经验，我们的销售经理们了解各个国家的海关规则，同时精通设备的详细功能介绍。
两者的完美结合，为客户节省了产品选择时间，推荐符合客户要求的机器型号，大大提升了采购体验，
营造了良好的情绪价值，深受众多客户喜爱并不断地介绍其他有采购需求的客户。所有的订单流程都
会被提前通知并与客户分享，我们承诺始终提供最好的服务，无论是在下单之前还是在交货之后。

不同的运输方式：卡车、铁路、空运和海运集装箱、使用 DHL、Fedex、UPS 和 TNT 的快速快递、
Aramex、大多数快递订单货物在付款后 48 小时内快速发货是我们一直推崇并不断提升的的亮点。

我们的绝大部分仪器都有 FDA 、 CE 和 ISO13485 认证。

上海拓扑威在产品研发上始终保持创新。
"细节创造品质"，SHTOPVIEW在全球范围内寻找合作伙伴共同开拓新领域，有任何需要，不要犹
豫，直接联系我们！

SHANGHAI TOP VIEW INDUSTRIAL CO.,LTD

is one of the biggest specialized companies engaged in development, production, sale and service in
the optical field which was established in Shanghai,China in 2008.Our main products include ophthalmic
combined tables and chair , auto refractometers, lens meters, view testers,slit lamp,lens edger and we also
provide medical instruments for eye test,helping patients improve "vision sight" conditions and treating eye
diseases. What's more ,we also specialize in providing glasses assembly tools and lens cutting machine
for glasses shop owner and optics center.

We have a high-tech research team, advanced instruments and a well-educated staff team.
With years of export experience, our sales managers know every countries' Customs rules,and know the
detailed feature of the device ,the perfect combination of the two saves customers time in product selection
and creates priceless value.All the order process will be well noticed and shared with customers in advance
and we promise to give best service all the time ,befor the order and after the delivery .

Different methods of transporation : truck, rail, air and sea containers,fast express with DHL,Fedex ,UPS and
TNT ,Aramex ,The highligths of the fast express shipment for most of the products within 48 hours after payment .

Most of our instruments have FDA , CE and ISO13485 certification.
Shanghai Topview are always keeping innovation on the products research and develop.
"Details create quality".,SHTOPVIEW is looking for good partners global for cooperation to exploit new fields,
contact us without hesitation.

MARKET keen

Market acuity is prerequisite, follows with technology and ability

Foresight is the only way to be knowledgeable, and paying close attention to the forefront of the industry is the prerequisite for improving professional standards. Topview always pays attention to industry trends, Further improve the self-research and development capabilities, to provide reliable high-end quality equipment for the glasses industry. A good reputation depends on excellent products and considerate after-sales service. Topview will continue to comprehensively improve the quality of employees and control the quality of the products strictly and strive to provide customers with better product solutions.

市场的敏锐度是先决条件，然后才是技术和能力

远见方能卓识，对于行业前沿的密切关注，是提升专业水准的前提。拓扑威时刻关注行业动向，进而提升自我研发能力，为眼镜行业提供可靠的高端优质设备。良好的口碑取决于过硬的产品和贴心的售后服务。拓扑威将继续全面提升员工素质，严格把控每件产品的质量，端力为客户提供更优质的产品方案。

自动磨边机系列
Auto Lens Edger Series

验光系列
Optometry Series

组合台系列
Combined Table Series

液晶视力表
LCD visual chart

升降台系列
Electric Table Series

PRODUCT CATALOG

CATALOG

Auto Refracto-Keratometer

自动验光仪

RK-600/RM-600

技术参数 FEATURES

Corneal Vertical Distance(VD): 0.00mm、12mm、13.75mm、15mm

SPH: -20.00 m^{-1}~ +20.00 m^{-1}(VD=12mm, 0.01 m^{-1}、0.06 m^{-1}、0.12 m^{-1}、0.25 m^{-1} unit)
deep myopia measurement available

CYL: 0.00 m^{-1} ~ ±6.00 m^{-1} (0.25 m^{-1} unit)

Cylinder Form: −、＋、±

Axis(AX): 1°～180° (1° unit)

Pupil Distance(PD): 10mm ~ 85mm(0.1mm unit)

Radius of Corneal Curvature: 5.0 ~ 10.0mm (0.01mm unit)

Corneal Power: 33.00 m^{-1}~ 67.00 m^{-1} (in case that the corneal equivalent refractive power is 1.3375)

Corneal Astigmatism: 0.00 m^{-1} ~ 15.00 m^{-1} (0.06 m^{-1}/0.12 m^{-1}/0.25 m^{-1} unit)

9″ TFT touch screen

Printer: 57mm thermal printer

Measuring Light Energy: ＜30uW (prevent injury to eyes during measuring)

Measuring Time: ＜0.5s

Minimum 2.0mm pupil can be measured. The application of cloud and mist chart technology allows the patients' eyes to look at the internal targets in a natural and comfortable situation and make the measurement more accurate

Auto tracking, auto focusing and auto measuring of end of measurement (partial model)

Electrical Power: AC100 ~ 240V, 50/60HZ

Consumption: 60AV

N.W.: 24kgs

G.W.: 26.5kgs

Dimensions: L510mm×W328mm×H450mm

Auto Refracto-Keratometer

自动验光仪

ARK-7680

技术参数 FEATURES

Corneal Vertical Distance(VD): 0.00mm、12mm、13.75mm、15mm

SPH: -30.00 m^{-1}~ +25.00 m^{-1}(VD=12mm, 0.01 m^{-1}、0.06 m^{-1}、0.12 m^{-1}、0.25 m^{-1} unit), deep myopia measurement availableable for children, adolescents and adults

CYL: 0.00 m^{-1} ~ ±10.00 m^{-1} (0.25 m^{-1}, 0.25 m^{-1} unit)rical degree wide interval: 0.5D

Cylinder Form: −、＋、±

Axis(AX): 1°～180° (1° unit)

Pupil Distance(PD): 10mm ~ 85mm(0.1mm unit)

Radius of Corneal Curvature: 5.0 ~ 10.0mm (0.01mm unit)

Corneal Power: 33.00 m^{-1}~ 67.00 m^{-1} (in case that the corneal equivalent refractive power is 1.3375)

Corneal Astigmatism: 0.00 m^{-1} ~ 15.00 m^{-1} (0.06 m^{-1}/0.12 m^{-1}/0.25m^{-1} unit)

8″ TFT touch screen (angle adjustable)

Printer: 57mm thermal printer

Measuring Light Energy: ＜30uW (prevent injury to eyes during measuring)

Measuring Time: ＜0.5s

Minimum 2.0mm pupil can be measured. The application of cloud and mist chart technology allows the patients' eyes to look at the in ternal targets in a natural and comfortable situation and make the measurement more accurate

Electrical Power: AC100 ~ 240V, 50/60Hz

Consumption: 60AV

N.W.: 17.25kg

G.W.: 22.5kg

Dimensions: L750mm×W400mm×H630mm

Full Autorefractometer Keratometer

全自动验光仪

FKR-710/FR-710

技术参数 FEATURES

Reference wavelength 850nm

Vertex distance (VD)：0mm、12.0mm、13.75mm、15.00mm

Spherical refractive power：-20.00D～+20.00D

Cylindrical refractive power：0D～6D

Direction of astigmatic axis：0°～180°

PD measurement：45mm～85mm

Minimum pupil diameter：Φ2.0mm

Cornea curvature radius：6.5mm～9.4mm

Direction of corneal astigmatic axis：0°～180°

Cornea diameter：2.0mm～12.0mm

Monitor：9.0 "Touch LCD monitor

Auto cut thermal printer

Saving mode：1/5/10/20/40 minutes automatic screen saver

Power supply：AC 230V 50Hz 75VA

Dimensions/Weight：300(W)*450(D)*500-530(H)mm/20Kg

Spherical vertex power：-20.00D～+20.00D

(-10.00D～+10.00D：±0.25 D；＞|±10D|Tolerance：±050D)

Cylindrical vertex power：0 D to 6 D ±0.25 D

Cylinder axis for cylinder power：0°to 180° ±5°

Cornea curvature radius：6.5 mm to 9.4 mm ±0.05 mm

Direction of corneal astigmatic axis：0°to 180°

For principal meridional differences in radii of curvature≤0,3 mm：±4°

For principal meridional differences in radii of curvature＞0,3 mm：±2°

Full Autorefractometer Keratometer

全自动验光仪

ARK-1/AR-1

技术参数 FEATURES

Hartman Type Refractor

High-Definition Clear Retina Image with New Adapted High Speed Image Acquisition and Image Identification Flip Monitor

Auto Horizontal, Vertical and Back Force Motorized Focus

High Speed and Auto Cut Printer

VD Range: 0.0, 12.0, 13.75 and 15.0

Sphere Range: -20.00D～+20.00D (VD=12,0.01,0.06,0.12,0.25 Increments)

Cylinder Range:0.00D～ +10.00D (0.06,0.12,0.25 Increments)

Axis: 1 Degree - 180 degree (1 degree Increments)

Cylinder Symbol: -, +, ±   PD: 10~86mm   Mini Pupil Size: 2.0mm

Average Measurement Time:< 0.5 second

Pupil Distance: 2.00-8.00mm

Max Brightness: < 30uw (safety Assure)

Curvature Radius: 5.0～ 10.0mm (0.01mm Increments)

Refractive Power: 33.00D~67.00D (When equivalent index of refraction of the cornea is 1.3375)

Cylindrical Power: 0.00D~-15.00D (0.06D/0.12D/0 25D Increments)

Date Save: 10 Group Left/Right Eye

Axis: 1°～180°   Target: Auto Fog

Monitor: 8 Inch TFT Touch Screen (Flip)

Printer: 57mm Width   Auto Cut

Power: AC 100~250V, 50/60Hz, Wide Voltage

Net Weigh:22Kgs   Gross Weight:26 Kgs

Packing:(L)600mm x (W) 400mm x (H) 600mm
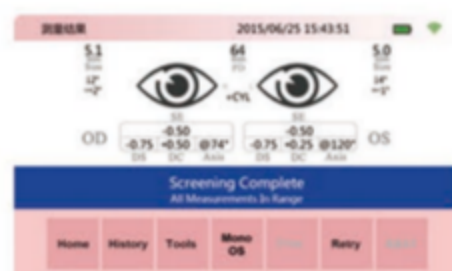
Hand Held Vision Screener

视力筛查仪

SW-800

1. The portable auto refractometer can check the refractive error precisely for different groups of people using the ultrasonic ranging, cross line, flashing light and sound technology and then to find out the probably potential refractive problems.
2. Ideal for babies, seniors and patients with language barrier.

技术参数 FEATURES

Operation mode: Bino/Mono
Optometry: Automatic
DS: Range:-7.50D~+7.50D, Resolution: 0.25D/0.01D
Accuracy: ±0.50D
DC: Range: 0.00D~3.00D, Resolution: 0.25D/0.01D,
Accuracy: ±0.50D
Axis: Range:1°~180° Axis:Range 1°~180° Resolution:
1° Accuracy:±5°
Pupil size: Range:4.0mm~9.00mm
Resolution: 0.1mm Accuracy:±0.1mm
Pupil distance: Range:35mm~80mm
Resolution: 1mm, Accuracy:±1mm
Gaze: 0°~20°
Measuring distance: 1m±5cm
Time per measurement: ~1s
Fixation target: Light flash, attractive sound
Date interface: Wi-Fi, USB
Battery: Rechargeable lithium batteries, 6 hours of duration, Replaceable
Size: 180mmX130mmX110mm
Display: 5 inch touch screen
Weight: 0.8Kg
Optional accessories: Camera tripods, printer, etc

Hand Held Vision Screener

视力筛查仪

HAR-680

技术参数 FEATURES

Sphere range: - 10.0D ~ +70.0D, step 0.25D
Cylinder range: -5.0D ~+5.0D, step 0.25D
Axis of astigmatism range: 1° -180°, 1°
Data acquisition time: <1s/ eye
Iris imaging Connections: Yes
Connections:
USB. Wi-Fi. Bluetooth; easy data transfer to pc or printer
Accessories: Bluetooth printer(optional)
Dimensions: 203 mm x 170 mm x 50 mm

The easyRef detects the following vision disorders:

Myopia (neaarsightedness)

Astigmatism (blurred vision)

Hyperopia (farsightedness)

Anisometropia (unequal refractive power)

easyRef

EASY REFRACTION SCREENING SOLUTION

The easyRef™ is an innovative wavefront refractometer that precisely measures refractive errors of patients from 6 months old through adults within just seconds.

The device is designed and engineered to be handy and user-friendly with onc-button operation.With the short working distance, the device is extremely easy-to-focus.

Anyone

It refracts children,adults,with or without contact lenses.

Anytime

The test of both eyes is complete in a few seconds,makes it easy to get refraction screening done.

Anywhere

No dark room required. The easyRef works under normal lighting conditions.

APPLICATIONS

For Screening Events

With the easyRef you can screen 100 patients within 20 minutes. The compact and light-weighted design makes it highly comfortable for portable use.

For Primary Care

The eassyRef is a cost-effective . essential vision screening tool for general practitioners (GPS) and ophthalmologists. It can be used for home visits or in a health screening van.

For Clinics and Optical Shop

With the easyRef you can reach more patients outside of your practive or useit in some promotion events such as an optical fair or free vision screening marketing campaign.

VT-5A

技术参数 FEATURES

Sphere powers range:

+16.75 to - 19.00D, with minimum reading 0.25D or 0.12D
(When+0.12D auxiliary lens or optional±0.12D lens is in use)

Cylinder powers range:

0 to-6.00D, with minimum reading 0.25D or 0.12D (when auxiliary lens is in use)

0 to-8.00D (when-2.00D auxiliary lens is in use)

Astigmatic axis scale: 0° to180°, each step is 5°

VT-5E

Cross cylinder: ±0.25D, reversal type (synchronized with astigmatic axis), also can select ±0.50D

Rotary prism: 0 to 20 △D, each step is 1△D

Interpupillary adjustment: 50mm to 80mm, each step is 1mm (right and left synchronized)

Forehead rest adjustable: 16mm backward and forword

Convergence: The optical aqxes of the lenses are aligned at a distance of 400mm from the vertexes of the corneas (2mm each for right and left inward)

VT-5B

Interpupillary distance enabling convergence=57mm to 80mm

Corneal distance device: 2mm forward and 5mm backward from standard plane with scale

Effective visual range: 19mm

Weight: 5kgs

Size: 323mm×315mm×85mm

Phoropter

综合测光仪

VT-5C

KF-ZD6000

技术参数 FEATURES

Sphere: 0.00~-19.00 Diopters, step: 0.25, 0.5, 1,3

0.00~+16.75 Diopters, step: 0.25, 0.5, 1,3

Cylinder:0.00~±8.75 Diopters, step: 0.25, 0.5, 1,3

Cylinder Axis: 0° to 180°, step: 1°,5°

Prism form: Base up, base down, base in, base out

Near distance: Mechanical converging with an optical axis at 30 to 40 in front of eye

Binocular balance: Rotary prism, polarizing filter and R & G filter

Cross cylinder: ±0.25D

PD: 50 to 80mm in 1 and 0.5mm step

Retinoscope: +2.00D or +1.50D both sides

Corneal alignment: 12 to 20mm by 2mm step

Field of view 35°

Power source: AC 110-120V/220-240V.50/50Hz,90VA

Dimension: 350 (W) x300 (H) x80 (D) mm

Net weight: 4kg

Power supply: AC 110-240V 50/50Hz

Horsepower: 60w

VC-1

技术参数 FEATURES

Power：AC100V~240V/50HZ/60HZ	
Standard Power：60W　Standby Power：2W	
Maximum Screen Resolution：1680×1050@60HZ	
Distance：0.282mm　　Screen Ratio：16:9	
Screen Type：TFT　　Screen Size：21.5"	
Visible Size：476mm×310mm　　Visual Angle：H:170/V:160	
Color：16.7M　　Max.Brightness：300cd/m²	
Maximum Contrast：2000:1	
Signal Response Time：5ms　　Weight：3.8Kg(5.0Kg)	
Out Size：504×310×45mm	
Working Distance：1m~6.5m（Adjustable）	
Record of vision test result：Max.remote-controlling distance>8m	
Emote-controlling distance：Imperial fraction,or decimal	

K-185

技术参数 FEATURES

Electrical source：AC100V~240V/50HZ/60HZ	
Rated power：45W　　Standby power：2W	
Screen resolution ratio：1440×900@60HZ	
Dot pitch：0.284mm　　Screen ratio：TFT	
Screen type：16:9　　Screen size：19"	
Visible angle：408.24mm×222.15mm　　Visible size：16.7M	
Max.Brightness：300cd/m²　　Color：H:170/V:160	
Max.contrast ratio：2000:1	
Signal response time：5ms　　Weight：5.0Kg(6.2Kg)	
Overal,l size(mm)：460×355×200mm	
Effective distance：2m~5m（Adjustable）	
Record of vision test result：Max.remote-controlling distance>8m	
Emote-controlling distance：Imperial fraction,or decimal	

VC-235

技术参数 FEATURES

Electrical source：AC100V~240V/50HZ/60HZ	
Rated power：60W　　Standby power：2W	
Screen resolution ratio：1680×1050@60HZ	
Dot pitch：0.282mm　　Screen ratio：TFT	
Screen type：16:9　　Screen size：23.5"	
Visible angle：473.76mm×296.1mm　　Visible size：16.7M	
Color：H:170/V:160　　Max.Brightness：300cd/m²	
Max.contrast ratio：2000:1	
Signal response time：5ms　　Weight：5.5Kg(6.8Kg)	
Overal,l size(mm)：532×411×200mm	
Effective distance：2m~8m（Adjustable）	
Record of vision test result：Max.remote-controlling distance>8m	
Emote-controlling distance：Imperial fraction,or decimal	

Chart screen

液晶视力表

VC-13

China combined optometry with 19 inch LCD eye chart portable equipment VC-13

技术参数 FEATURES

Standard power consumption: about 60W	Screen size: 19"
Maximum contrast 2000	Remote control distance: The maximum remote control distance
Maximum contrast 2000: 1	is not less than 8m
Standby power consumption: less than 2W	Visual size: 530mm X 335mm
Signal corresponding time: 5ms	Shield: horizontal / vertical / single character
The maximum resolution of the screen is 1680*1050*60HZ	Color: 16.7M
Dimensions: 560 * 190 * 470 MM	Viewing angle: H:170/V:160
Screen pitch: 0.282mm	With trail lens box: NO
Machine weight: 6.7KG	Standard test pattern: Letter eye chart / children's eye chart / red
Screen type: TFT	and green blind test table / E word eye chart / C word eye chart /
Use distance: 1M~6.5M adjustable	WORTH four point object / digital eye chart / cross chart / contrast
Screen ratio: 16:9	sensitivity test table / CLCR red Green optotype / cellular
Visual recording method: decimal, imperial score recording	optotype / Markov rod visual standard / loose disc optotype, etc.

Auto Lensmeter

自动查片仪

LM-900

Manual Lensmeter

手动查片仪

GJD-7

Auto Lensmeter

自动查片仪

LM-260

技术参数 FEATURES

1. Measuring range:3mmHg-70mmHg
2. Precision: ±1.5mmHg(3mmHgSIOP≤25mmHg); ±2.5mmHg(25mmHg<IOP≤ 70mmHg);
3. Measurement Mode: Both vertical and horizontal measurement
4. 0utput: Wireless Infrared Thermal Printer
5. Easy to Use
6. Small Size, Easy to Carry
7. No need Anesthesia, No Discomfort ableness
1. Rango de medición: 3 mmHg-70 mmHg
2. Precisión: ± 1,5 mmHg (3 mmHg<IOP≤25 mmHg); ± 2.5 mmHg (25 mmHg <IOP≤ 70 mmHg);
3. Modo de medición: medición vertical y horizontal
4. 0utput: Impresora térmica infrarroja inalámbrica
5. Fácil de usar
6. Tamaño pequeño, fácil de transportar
7. Sin necesidad de anestesia, sin molestias.
1. Campo di misura: 3mmHg-70mmHg
2. Precisione: ± 1.5mmHg(3 mmHg<IOP≤ 25 mmHg); ± 2,5 mmHg (25 mmHg <IOP≤ 70 mmHg);
3. Modalità di misurazione: misurazione sia verticale che orizzontale
4. Uscita: stampante termica a infrarossi wireless
5. Facile da usare
6. Piccole dimensioni, facile da trasportare
7. Nessuna necessità di anestesia, nessun disagio

技术参数 FEATURES

Sphere：0m⁻¹to±25m⁻¹

Cylinder：0m⁻¹to±10.00m⁻¹

Add：0m⁻¹to±10.00m⁻¹

Astigmatism：0° to 180°

Prism basal Angle measurement range：0° to 360°

Prism：Horizontal 10cm/m, Vertical 15cm/m

The accuracy of measurement

Dioptric：(0.01/0.12/0.25) m⁻¹

Prism：(0.01/0.12/0.25) cm/m

Mode of measurement

Cylinder：+, ±, -

Prism：X-Y, P-B

Speed of measurement：0.2 second

Diameter od measurable lens：18 to 110mm

Other parameters

Display：1024*600 TFT and touch screen

Printer：Thermal printer

Size：255（W）x 212（L）x 473（H）mm

Weight：About 5.1kg

Power supply：AC100～240V 50/60Hz

Power：25VA

技术参数 FEATURES

Sphere Lens：0to±35D (Increments 0.01D/0.06D/0.12D/0.25D)

Range:		Increments:
< 0D,≥-5D	> 0D,≤+5D	±0.06
<-5D,≥-10D	>+5D,≤+10D	±0.09
<-10D,≥-15D	>+10D,≤+15D	±0.12
<-15D,≥-20D	>+15D,≤+20D	±0.18
<-20D,≥-25D	>+20D,≤+25D	±0.25

Cylinder Lens：0to±10D (Increments 0.01D/0.06D/0.12D/0.25D)

Axis：0° to 180° (Increments 1°)

ADD：0 to 10D (Increments 0.01D/0.06D/0.12D/0.25D)

Prism：0 to 15△ (0.01△)

Prism Range:	Increments:
>0△,<5△	0.1△
>5△,<15△	0.2△

Cylinder Mode：+, +/-, -

Prim Mode：

cartesian coordinatesH：I,O.V:U,D P-B:polar coordinates

mm：X and Y in mm

Increments：0.01D/0.06D/0.12D/0.25D

PD Measurement

Measure single vision lens,bifocal lens,trifocal lens and progressive lens,etc

UV/Blue Light Transmissivity Detection

CL Lens Accessable

Reflect Ratio：>10% Reflect Ratio while Diopter over +/-10D>20%

Contact lens：0 to ± 25D, BC 6.00 to 9.00

Monitor：7.0 Inch HD Touch Screen

Menu：humanized Design and Easy Operation

Lens Diameter Capacity：20mm-100mm

Voltage：AC100(±10%) -240 (±10%) V 50/60Hz 40VA

Power：40W

Weight：6.8kgs

Machine Size：550mm*350mm*350mm (L*W*H)

Storage Condition

a.Temperature：5-40℃(In use) -20-60℃(Storage/Transportation)

b.Humidity：30-85%   10-95%(Storage/Transportation)

c.Air Pressure：700-1060hpa

d.Altitud：up to 2000m

e.Others：No Harmful Dust or Smog

Auto Lensmeter

自动查片仪

L890

7.0-inch HD touch color display

Streamlined, faddish, abundant and atmospheric design

Green LED light source, ABBE compensation no require

High grade ABS material case, zero failure rate quality standard

Rapidly and automatically determine and measure the progressive lens in high precision

Upgraded Hartmann intelligent measurement technology, faster, more accurate and more stable

Long distance center

Auto identifying area

Near distance center

Horizontal marks
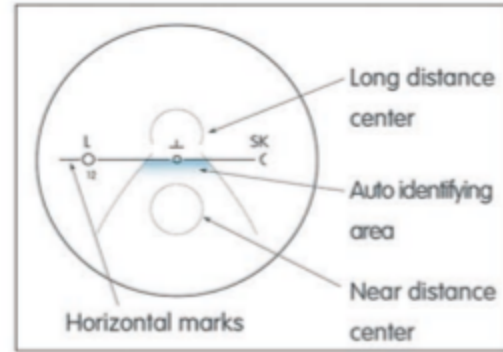
Progressive lens measurement

Automatically determine the lens type single vision lens or progressive lens, quickly locate long distance center and near distance center of progressive lens, accurate measurement of ADD values.

L/R sign ①
Measurement mode ②
Data display ③
Menu ④
Double/three Lens measurement button ⑤
⑦ Current working mode
Clearing the memorized data ⑨
⑥ Left lens measurement
⑧ Right lens measurement
⑩ Printing the fixed data

Hartmann sensor with 145 multiple measurement points

Hartmann 145 sense points, equipped with high speed and high efficiency CCD camera, fast and accurate measurement, ABBE compensation no need.

Green Light
Lenslet Array
Sensor
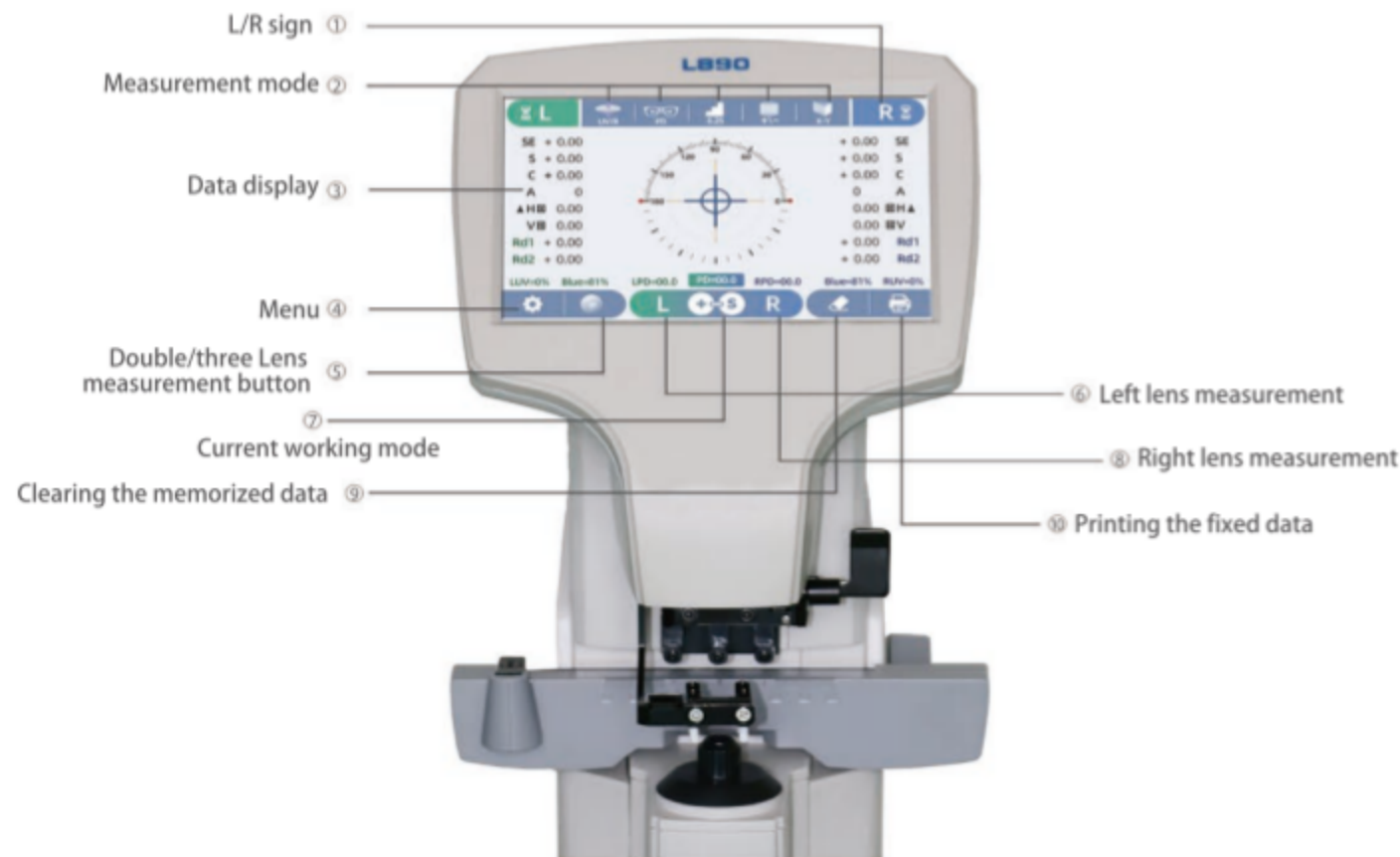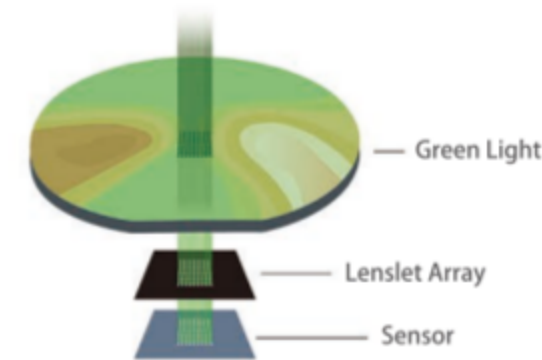
技术参数 FEATURES		
Sphere Lens：0to±25D (0.01D/0.06D/0.12D/0.25D steps)		
Range：		Increments：
＜ 0D,≥-5D	＞ 0D,≤+5D	±0.06
＜-5D,≥-10D	＞+5D,≤+10D	±0.09
＜-10D,≥-15D	＞+10D,≤+15D	±0.12
＜-15D,≥-20D	＞+15D,≤+20D	±0.18
＜-20D,≥-25D	＞+20D,≤+25D	±0.25
Cylinder Lens：0to±10D (0.01D/0.06D/0.12D/0.25D steps)		
Axis： 0°to 180° (1° steps)		
ADD： 0 to 10D (0.01D/0.06D/0.12D/0.25D steps)		
Prism： 0 to 15△ (0.01△)		
Measuring Range：		Accuracy：
＞0△,≤5△		0.1△
＞5△,≤15△		0.2△
Cylinder Mode： +, +/- , -		
Prim Mode： X-Y: Cartesian Coordinates H: I,O.V:U,D		
P-B: Polar Coordinates		
mm： mm expression		
Reading resolving power： 0.01D/0.06D/0.12D/0.25D		

PD Measurement

Measure single vision lens,bifocal lens,trifocal lens and progressive lens,etc

Contact lens measure

Uv transmissivity test

Measurable transmissivity： >10%; >20% at ±10D and over

Contact lenses： 0 to ± 25D, BC 6.00 to 9.00

Display： 7.0 Inch HD touch color display

Menu： readable diagram, easy operation

Lens Diameter： 20mm-100mm

Power source： AC100(±10%) -240 (±10%) V 50/60Hz 40VA

Power consumption： 40W

Weight： 6.8kgs

Dimensions (packing)： 565mm*350mm*355mm (W*D*H)

Enviromental condition

a.Temperature： 5-40℃(In use) -20-60℃(Storage/Transportation)

b.Humidity： 30-85%   10-95%(Storage/Transportation)

c.Air Pressure： 700-1060hpa

d.Altitud： up to 2000m

e.Others： No Harmful Dust or Smoke

3D Full automatic edging machine

3D全自动免模机

SJG-1000AK

技术参数 FEATURES

AUTO LENS EDGER

Dimension:	680mm×460mm×450mm
Weight:	60kg
Voltage:	AC 220V, 50Hz or 110V, 60Hz
Size range:	Ø22-80mm
Clamping pressure:	Third gear adjustable
Power:	550W
Wheel diameter:	Ø90mm
Touch screen:	8inch capacitive screen

技术参数 FEATURES

AUTO LENS SACNNER

Dimension:	230mm×370mm×200mm
Weight:	5kg
Voltage:	AC 220V, 50Hz or 110V, 60Hz
Screen tilt angle:	20°-100°
Touch screen:	7inch capacitive screen
Power:	60W
Quantity of connecting with the main machine:	1 unit

Patternless Lens Edger

免模板镜片磨边机

PLE-6800

技术参数 FEATURES

HIGH EFFICIENCY AND HIGH STABILITY

European Diamond Wheels Group:

Perfect edging. high fineness, durable for long use.

Adaptive Clamp Chuck: Because of the large difference in thickness, the high curved lenses are easy to cause displacement due to axis twisting during processing. The design of adaptive clamp chuck ensures that the clamping force is balanced during processing to minimize axis twisting and any potential damages to lenses.

EDGER TECHNICAL INDEXES

Graphic editable and scalable functions

Bidirectional water jet and built-in lighting in processing cabin

Max. number of stored images: 400pcs

Adjustable beveling position

Lens Material: Plastic, Polycarbonate, High index plastic, Glass, Trivex

Diameter of diamond wheels group: 100mm

Edging Mode: Beveling (normal/auto/manual mode), Flat edging, Polishing

Max. Cutting Diameter: 80mm

Mini. Beveling Size: 22mmMini. Flat Edging Size: 20mm

Max. Frame Center Distance: 100mm

Display: 10.4-inch color TFT LCD touch screen with angle adjustable

Input Voltage: AC220V, 50Hz/AC110V, 60Hz

Output Voltage: DC 5V3A、DC 24V5.8A

Power Consumption: 1000w

Net Weight: 48kg

Dimensions: 636mm x 452mm x 591mm

SCANNER/BLOCKER TECHNICAL INDEXES

Imaging System: Dual center optical imaging system

Scanning and Positioning System: Scanning imaging, precise center positioning

Scanning Time:<3s

Scanning Precision: 0.1mm

Display: 8-inch color TFT LCD touch screen

Power Supply: AC100-240V 50/60Hz

Net Weight: 9kg

Dimensions: 470mm x 230mm x 320mm

Auto Lens Edger

镜片磨边机

WZ-720P

技术参数 FEATURES
Rinding disc clamp force：0.5-0.75Mpa
Lens matenial：CR , PC , GL
Size：550×470×410mm
Voltage：AC 220V, 50Hz or 110V, 60Hz
Grinding Diameter：22-80mm
Weight：48kg
Electric power consumption：≤500AV
Wheel diameter：Φ100*Φ17mm
Temperature：5℃-40℃
Power: 380W
Grinding wheel group capulity：60-100mm
Noise：≤65db + 125%

Auto Lens Edger

镜片磨边机

WZ-720

技术参数 FEATURES
Rinding disc clamp force：0.5-0.75Mpa
Lens matenial：CR , PC , GL
Size：550×470×410mm
Voltage：AC 220V, 50Hz or 110V, 60Hz
Grinding Diameter：22-80mm
Weight：50kg
Electric power consumption：≤500W
Wheel diameter：Φ100mm
Temperature：5℃-40℃
Power: 380W
Grinding wheel group capulity：60-100mm
Noise：≤65db + 125%

Patternless Lens Edger

免模板镜片磨边机

FE-600

技术参数 FEATURES	Lens Edging Diameter:
Specifications	1. ≤ to 80mm
Automatic Initialization	2. Rimless: 17.75mm
Lens front and rear face tracing: 3D	3. Bevel: 19.50mm
Function:	Drain Size: Ø100mm
1. Roughing Glass Edging	Water Supply Pressure: from 4 to 7 bars
2. All Plastic Edging (CR39, High Index,	Network Connection
3. Polycarbonate)	Dimensions:
4. Bevel/Rimless Finishing Edging	1. Width: 650mm
5. Bevel/Rimless Polishing Edging	2. Depth: 450mm
Automatic Clamping Pressure	3. Height (visor close): 470mm
Edging pressure controlled according to lens material	Weight: 59kg
Graphics storage	Power Supply: 220V/50HZ 110V/60HZ
Convenient Water Connection	Power Consumption: 800 W

Ophthalmic Unit

CS-1000B

检眼组合工作台

CS-1000B

Mechanical **Parameters**

Electric chair up and down

The arm can move left and right

Small tabletop can move left and right

Opened to 90°

技术参数 FEATURES
Unit size: 960x1000x1650mm
Table size: 960x470mm(1020x470mm Optional)
Arm up and down range: 120mm
Chair up and down range: 160mm
Drawer inner size: 570x380x60mm
Power: 120VA
Voltage: ~220V/50HZ
Customizable voltage: ~110V/60HZ
Volume: 1.35m^3
Weight: 200kg

CS-1000 control switch

CS-1000B control switch

Ophthalmic Unit

PK-188A

检眼组合工作台
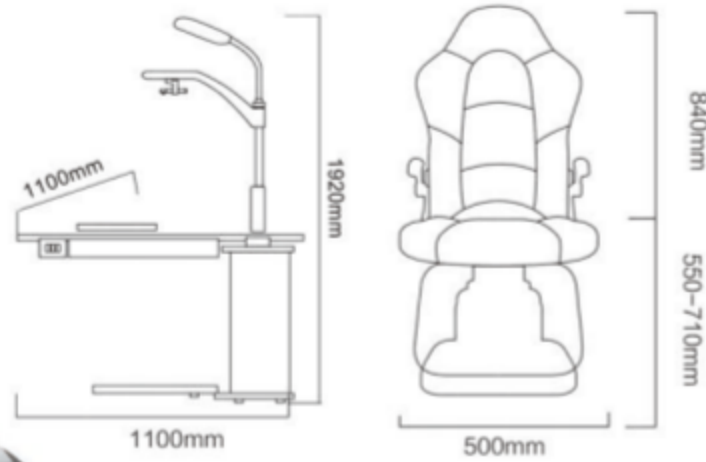
技术参数 FEATURES

Unit size: 1100x1100x1920mm	
Table size: 1000x480mm	
Arm up and down range: 300mm	
Tabletop up and down range: 120mm	
Chair up and down range: 160mm	
Drawer inner size: 550x400x60mm	
Power: 120VA	
Voltage: ~220V/50HZ	
Customizable voltage: ~110V/60HZ	
Volume: 1.25m³	
Weight: 240kg	

Electric chair up and down

The arm can adjust phoropter front and back,left and right

Multi-function button, easy to operate

Small tabletop can roate 180°

Tabletop can roate 90°

Ophthalmic Unit

YDL-930

检眼组合工作台
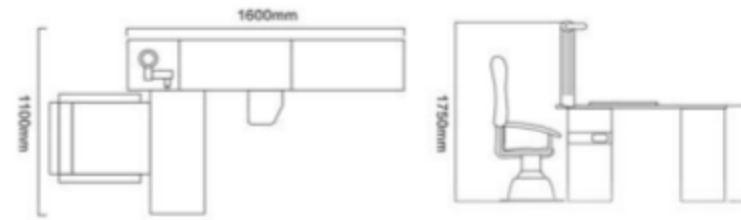
技术参数 FEATURES

Desktop size: 870x400mm	
Left and right movement distance of desktop: 300mm	
Desktop rotation angle: 90° revolve	
Combination table size: 1600x1100x1750mm	
Chair lifting range: 160mm	
Swing arm lifting range: 120mm	
Drawer 1st floor: 540x350x60mm	
Drawer 2nd floor: 540x350x150mm	
Drawer 3rd layer: 540x350x150mm	
Chair Rotation: 90°	
Head rest: Gimbal adjustment	
Head rest height adjustment range: 100mm	

The table can be moved from side to side electrically

The chair is electrically adjustable with the backrest angle. can electrically rotate and electrically up and down.

The arm can adjust phoropter front and back,left and right

Small tabletop can rotate 90°

control switch

Large capacity drawer

LED Slit Lamp

裂隙灯

LS-4

技术参数 FEATURES

Microscope Type: Parallel type, Galilean system

Magnification Changer: Revolving drum

Eyepiece Magnification: 12.5X

Magnification: 6X,10X,16x,25x,40x

Diopter: -7D~+7D

Pupil Range: 52mm~82mm

Visual Field Diameter: 6X:33mm;10X:22mm;16X:14mm; 25X:8.5mm;40X:5.5mm

Illumination Type: Haag Streit Type

Slit image width: 0mm~14mm continuously adjustable

Slit image length: 1mm~14mm continuously adjustable

Slit image angel: 0~180° continuously adjustable

Illumination tilting: 5°、10°、15°、20°

Slit aperture size: φ0.2、φ1、φ3、φ5、φ10、φ14(mm)

Filter: Heat aborption, Grey,Redfree(green), Cobalt blue

Light Source: Warm LED

Max Illumination Intensity: 600000Lux

LED Slit Lamp

裂隙灯

LS-5

技术参数 FEATURES

Microscope Type: Parallel type, Galilean system

Magnification Changer: Revolving drum

Eyepiece Magnification: 12.5X

Magnification: 6X,10X,16x,25x,40x

Diopter: -7D~+7D

Pupil Range: 52mm~82mm

Visual Field Diameter: 6X:33mm;10X:22mm;16X:14mm; 25X:8.5mm;40X:5.5mm

Illumination Type: Haag Streit Type

Slit image width: 0mm~14mm continuously adjustable

Slit image length: 1mm~14mm continuously adjustable

Slit aperture size: φ0.2、φ1、φ3、φ5、φ10、φ14(mm)

Filter: Heat aborption, Grey, Redfree(green), Cobalt blue

Light Source: Warm LED

Background ilumination: Co-axial

Software: Adaptive parameters

Camera is optional

LED Slit Lamp

裂隙灯

BL-66B

技术参数 FEATURES

Microscope Type: Converging stereoscope microscope

Magnification Selection: Two Steps Magnifications

Eyepiece: 10X

Magnification Ratio(Field of View): 10x(18mm), 16x(14.5mm)

Diopter Adjustment: +5D

Base Side Shift: 110mm

Depth Shift: 90mm Height Shift: 30mm

Chin rest Height Shift: 80mm Fixation Target: Red LED

Slit Width: 0 ~ 9mm Continuous (at 9mm, slit becomes a circle)

Pupillary Adjustment: 50mm ~ 82mm

Slit Height: 1 ~ 8mm Continuous

Slit Angel: 0~180° adjustable

Diameter of Light Spot: p9mm、p8mm、φ5mm、φ3mm、q2mm、φ1mm、p0.2mm

Filter: Heat Aborption, Grey, Red-Free, Cobalt Blue

Ilumination Bulb: 12v 50w halogen lamp

Input Voltage: 110V/220V AC Frequency: 50/60Hz

Power Consumption: 68VA Gross Weight: 18kg

Dimension: 690mm (L) x 440mm (W) x 420mm (H)

Portable Slit Lamp

便携式裂隙灯

LS-1A/1B

Portable Slit Lamp

便携式裂隙灯

BL-5000

Digital Slit Lamp with Dry Eye Module

干眼数码裂隙灯

LS-5C

技术参数 FEATURES

Slit type：Rotating slit wheel selection slit lamp

Optical type：Binocular hand held Biomicroscope slit lamp

Eyepiece：Converging binocular at 13°

Magnification：10 X/10 X、16X lever change

Work distance：80mm   Pupil distance：45mm~78mm

Diopter compensation：-8D~+8D

Resolution of visual center：

16 X：N A＝0.0448, 10 X：N A＝0.0402

Nominal diameter of visual field：

10X:15mm/10X:15mm 16X:10mm

Illumination Slit width：

0.1mm、0.2mm、0.8mm、φ1mm、φ5mm、φ12mm

Slit length：12mm   Slit angle：Horizontal ±60°

Filters：Neutral density Red-free、Cobalt blue

Lighting bulb：High brightness white LED

Brightness：≥300000Lux

LED work voltage：DC 3.0V (1.5V AA battery X 2)

Direct power supply：Direct charger

Battery (Optional)：Wireless working mode AA Dry battery，or AA rechargeable battery

Size：169.5mm×109.5mm×228.5mm

Weight：≤900g (with battery)

技术参数 FEATURES

Microscope Type：Converging microscope

Objective Magnifications：Two steps magnifications

Magnification：10X、16X

Diopter Adjustment：±7D

Pupil Distance：60mm

Working Distance：52mm~82mm

Slit Width：0~10mm continuously adjustable

Diamater of Light Spot：1mm、3mm、5mm、10mm

Filter：Heat absorption、Grey、red-free、Cobalt Blue

Slit Angle：±30°

Light Source：LED

Maximal Illumination：≥30000LX

Power：7.4V 2200mA Li Battery，Rechargable

Working Time：2.5 hours for common use

Packing Volume：216mm×100mm×225mm

Net Weight：900g

技术参数 FEATURES

T M H：Auto/Manual

NIBUT：Auto

Static lipid layer analysis：Manual

Dynamic lipid layer analysis：Manual simple video comarison

Ocular Redness Analysis：Auto/Manual

Gland Opening：Manual

Meibomian glands：Manual

Corneal Staining：Manual

Eye position recognition：Auto

Questionnaire：3 types

Optical effect：Excellent optical effect

Collector：Built-in professional level medical collector has 20 million pixels

Spot Size：φ0.2、φ1、φ3、φ5、φ10、φ14；

Color filter：Heat aborption、Grey filter、Red-free、Cobalt blue filter

Light source：Warm LED

Background Light：Coaxial background light

All-Round Support 7 dry eye detection functions Provide a reliable basis for clinical diagnosis

AI Using AI algorithm to analyze images and recordings Like,high precision good repeatability

Detailed The picture restores the real Report,clear and detailed Show the examination results

Non-Invasive Non-Invasive inspection way Safer operation Patient comfort and easy cooperation

8 Minutes 8 minutes can be quick Complete the full set of dry eye examination

Ophthalmic Ultrasound Scanner

SK-3000

眼科超声

技术参数 FEATURES		A-Scan	
B-Scan		Frequency: 10MHz	Measurement Range: 0-60mm
Frequency: 10MHz	Scan Mode: Mechanical Setor Scanning	Accuracy: ≤0.04mm	
Gray Levels: 256	Adjustable Gain: 20-105db	Default Eye Mode: 6 Different Modes and 3 Customized Modes	
Depth: ≥ 60mm	Angle of Exploration:53°	IOL Calculation: 6 different methods and comparing calculation	
Time Gain Control (TGC):0-30dblmage	Freezing: 20 pcs	Calculation Method: Standard DeviationPachymeter	
Resolution: Axial ≤ 0.2 mm, laterial: ≤ 0.4Display		Frequency: 10MHz	Accuracy: ≤0.01mm
Mode: B, B＋A	Report Print: Video Print	Depth:0.3-1.5mm	Output Mode: Video Print
Playback: 150 frame and Playback screenshot		**Other Parameter**	
20M Ultrasound		Computer: Built-in System,12.1-inch Touch Screen Display	
Resolution: Axial≤ 0.1 mm, laterial: ≤ 0.2 mmDepth: 220mm		Picture Processing: Brightness, Contrast, Image Playback,	
Frequency: 20MHz		Pseudo-color, Image measurement, Image Remark	
Angle of Exploration: 53°		Printer: Sony Duplicator, Computer with Graphic Workstation	

Ophthalmic Ultrasound Scanner

眼科超声

RetiWave1000

技术参数 FEATURES

All touch screen, easy to operate

Large color display with backlight and brightness control

Portable design and light weight Built-in thermal printer

Either combination unit (A+P) or single (A or P)

Pachymeter

Prode：20MHz, angle of 45 degrees makes easier operation

Precision：5μm

Measure range：300μm~1500μm

Each group is the average of 10 measures

Output：LCD display and thermal print

Display：Large color liquid-crystal screen

SINGLE mode and MAP mode

A-Scan

Prode：10MHz, with LED

Depth：15mm-35mm

Precision：±0.05mm

Examining Method：immersion and contact

Eye Mode：SRK-II, SRK-T, HOFFER-Q, HOLLADAY,

BINKHORST-II, HAIGIS

Curve Freeze：control by foot switch auto freeze and

manual freeze.

Output：A scan table and calculation and thermal print

Store：10 cases(eyes), 5 reading each case

Manual and auto modes

技术参数 FEATURES

A-Scan biometry

Probe frequency：10MHZ

Measuring mode：contact

Measuring range：over 5mm~40mm

Measuring type：≤±0.05mm

Image freezing：auto,auto+preservable,manual

Intraocular lens Implantation(IOL)formula：SEK-T,SRK-II ,

HOLLADAY,BINKHORST- II ,HOFFER-Q,HAIGIS

Gain：20~110dB

Time gain adjustment：0~30dB

B-Scan Patterns

Image freezing：auto,auto+preservable,manual

Probe frequency：10MHZ

Probing depth：≥50mm

Axial Resolution：＜0.2mm

Lateral resolution：＜0.3mm

Gain adjustment：20~110dB

Time gain adjustment：0~30dB

Operation mode：eyecup,gel,aqueous capsule

Post-processing measuring tools：

area,length,mark and annotation

Size：340mm(L)×320mm(W)×115mm(H)

Weight：10Kg   Power supply：100~240V 50/60V

Ophthalmic Ultrasound Scanner

眼科超声

SW-1000

Ophthalmic Ultrasound Scanner

眼科超声

ODU-5

技术参数 FEATURES

Adopt ARM9 Embedded Control Systems, FPGA signal processing

system and elaborate selected ultrasonic hardware system

10.4 inch high resolution LCD screen,Menu operation

Language: Chinese/English

Double probe sockets:

A mode probe: 10MHz, imported probe with fixation light

B mode probe: 10MHz, imported transducer

Display mode: B, B/B, 4B, B/A, A

Gains range: 0--120dB

Dynamic range: 30-100dB, visual and adjustable

Gray: 256

Intelligent TGC adjustment: 8 segments

Build-in D disk: 4GB, save mass data, images, reports, etc

Report function:

print screen, IOL report, case report with picture, etc

A scan

Resolution: 0.01mm   Gain adjustable: 0-120dB

Measurement range: 12-43mm(1640m/s)

Accuracy: ±0.02mm

Measuring parameter: ACD, LENS, body Length, axial length

Eye mode: normal/aphakia/dense cataract/PMMA, Acrylic &

Silicon for Pseudo Phakic eyes

Measuring Mode: Contact and Immersion, automatic and manual

Measurement methods: A single-point measurement（under

A mode）；five-point measurement（under A mode）

Calculation: std. deviation, average, automatical measuring 8

groups and average, accompany waveform, results correctable

IOL Formula: SRK-II, SRK-T, BINKHORST,HOLLADAY, HOFFER-Q,

HAIGIS

B scan:

Scan mode: High accuracy stepping motor drive sector scan.

Scan Angle: 53°   Display Depth: 0～56mm

Gray: 256   Frame frequency: 10frames/s

depth seletion: 8   Frame correlation: 4

Edge enhancement: 4   Compression Curve: 4

Post-processing: 8   100 frames permanent image storage

Cine loop: 256 frames,can measure the playback image

Disk management

General Measurement: multi-electronic-rule to measure distance,

circumference, area(trace method, ellipse method),volume (ellipse

method), angle , histogram, profile , stenosis and curvature etc

Specification

Power supply: 100-240V～ 1.2-0.6A   Frequency：50-60Hz

Adapter output: DC 12.8V 3.0A

Automatic Computer Perimeter

视野计

BIO-1000

BIO-1000

The Bio-1000 automated perimeter absorbs the advantage of international advanced perimetry devices. It comprises the highly intergrated computer, optics. machinery and electronics systems. Incorporated with the advanced configuration, comprehensive software inspection categories, it provide international standard 6 analysis report of glaucoma, fundus disease, visual pathway injury and neurological diseases.

Technical Features

Comprehensive real-time monitoring, heiji-krakau physiological blind spot monitoring, gaze tracking/head position tracking, automatic measurement of pupil diameter, reduce the impact of pupil effect on visual field detection.

Personalized design, accurate clinical analysis, accurate and rapid examination strategy.

A variety of classic test procedures, including international standard six report analysis.

Note: with development of technology, specifications and design are subject to change without notice.

技术参数 FEATURES

Inspection range: 90°

Inspection distance: 30CM

Background brightness: white31.5asb

Visual target brightness: Goldmann III

Visual target interval time: 200ms

Visual target interval time: Standard or adjustment according to patient reflection

Detection strategy: 10-2, 24-2, 30-2, 60-4, C-40, C-64, C-76, FF-81, FF-120, FF-135, nasal side

Special detection strategy: Esterman monocular, Esterman binocular, user-customized test, driver monocular or binocular detection, upper 36° detection, blind spot detection.

Pupil size test: Automatic

Fixation monitoring: Blind spot monitoring, eye position video, motoring

Enviornment light detection: Automatic

Analysis software: Reliability analysis, single vision report, triple visionreport, GPA half vision analysis,GPA glaucoma developing analysis, VFI vision index analysis

OPeration system: Win7 above

Size: 412mm(length)*497mm(width)*513mm(height)

Weight: 17kg

Power: 100-240V, Hz: 50/60Hz

Projection Perimeter

视野计

BIO-1100

Technical Features

·Rigorous implementation of Goldman international standard.

·Halogen projection system: Stimulation light source is from wide band visible spectrum, fully meet colored cone cell stimulation.

·Accurate and elaborate database of normal population of all agegroups, recognition of more subtle early visual field defects.

·GHT glaucoma semi vision analysis, make glaucoma diagnosis easier.

·GPA glaucoma progression analysis upgrade, slight glaucoma development is obvious.

·Standard SWAP blue-yellow visual field examination, sensitive toearlier visual field defects.

·Scientific and intelligent interactive inspection strategy, 30° range visual field defects.

·Simple one-stop modular software design, equipment operation learning only 2 minutes.

技术参数 FEATURES

Testing scope: 90°

Testing distance: 30CM

Background light: white31.5asb, yellow315asb

Visual target: 0.08asb---10000asb(0-51DB)

Target size: Goldmann I, II, III, IV, V

Visual target stimulation time: 200ms

Visual target interval time: Standard and custom

Threshold policy: C-40, C-64, C-76, FF-81, FF-120, FF-135……

Special detection strategy:

Esterman monocular, Esterman binocular, upper36° screening, blind point testing.

Yellow-blue testing: Standard 440nm blue V visual target +315asb OG530 yellow background brightness

Visual target: Red, Blue

Dynamic policy: Standard dynamic blind, dynamic, dark spot dynamic, straight line dynamic

Custom policy: Static custom dynamic custom

Pupil size measurement: Auto

Fixation monitoring: Physiological blind spot monitoring, eye position monitoring, eye position moving alarm, eye tracking curve

Environment light testing: Auto

Analysis software: Reliability analysis, single report, triple, GHT glaucoma semi vision report, GPA glaucoma developing analysis, VFI analysis, Blue-yellow analysis

System: Win 7 above

Size: 412mm(length)*497mm(width)*513mm(height)

Weight: 17kg

Power: 100-240V, Hz: 50-60Hz

Phaco Emulsifier

MD-480A

眼科超声乳化

Description

All parts of the system are fully controlled and monitored by Microprocessor Technilogy:

Smoothly and efficiently controlling the emulsifier process with digital frequency tracing technology of handpiece
Easy operation and user-friendly interface with large touch screen TFT and functional menu
Up to 10 sets of parameters preset meets differt requirements and simplifies the surgery operation
Auto test checks tubing and handpiece problems(e.g.:block or leakage)

The peristaltic pump gives complete control of aspiration flow rate as well as freedom from anterior chamber shallowing. This way can give stronger sution when working in I/A
Built-in vitrectomy and cautery
Intelligent voice reminder

技术参数 FEATURES

Ultrasonic Emulsification (U/S)	
Frequency: 40kHz	
Functional mode: Continuance, Pulse, Linear, Burst	
Continuance: Emulsifying Power range:0~100%	
Pulse: Frequency range 1~99Hz	
Linear: Emulsifying Power lineraly controlled by the Footswitch, varies between 0~100%	
Burst-Stopping Time: 1.5~0s	
Burst-working Time: 5-100ms	
Maximum Vacuum: 500mmHg	
Maximum Flux Rate: 40ml/min	
Irrigation/Aspiration(I/A)	
Flux Rate: 0~40ml/min	
Reflux Rete: 20ml/min	
Max Vacuum: 0~500mmHg	
Vitrectomy(VIT)	
Cutting POwer Source: Air pump	
Cutting Frequency: 20~600/min;Single cut mode	
Maximum Vacuum: 500mmHg (200Ω)	
Maximum Flux Rate: 40ml/min	
Cautery	
Maximum Power: 10W±20% (200Ω)	
TYpe: Bipolar	
Power Preset between: 0~100%	

TRISONIC
Phacoemulsification System

MTP 白内障超声乳化系统

The TRISONIC Surgical System:

- Advanced Cataract Removal
- State of the Art Peformance
- Lightweight and Portable
- 24 Customizable User Programs
- Four US Modes
  Continuous, Pulse, Burst and Micro
- Large 12.1″ Touchscreen
- All Titanium Handpiece
- Integrated Coagulation and Vitrectomy
- Programmable Multi Function Footpedal
- Easy to Inset, Reusable Tubing Cartridge
- Rugged Travel Case Included
- Integrated IV Pole Optional

Standard Accessories:

- U/S Handpiece
- Tubing Cartridge
- Footpedal
- Travel Case

Optional Accessories:

- Phaco Tips
- I/A Handpiece
- Aspiration Tips
- Irrigation Sleeve
- Test Chamber
- Vitrector
- Coagulation Forceps/Cord

Technical Parameters

技术参数 FEATURES	
FLUID DELIVERY	Graviyt Fed
US (ULTRASONIC)	
HANDPIECE TYPE:	All Titanium, Lightweight, balanced handpiece
OPERATING FREQUENCY:	40KHz
AVAILABLE VACUUM LEVEL:	From 0 to 500 mmHg
SURGON MODE (LINEAR POWER):	Allows linear control of US power by depressing footpedal
MUL TI MODULATION:	Allows for rapid transition for aspiration and phaco settings
US BURST MODE:	Allows for surgeon control of pulse width in phaco power
MICRO PHACO:	Allows for surgeon control of both the on-time and off-time of the phaco pulse
PRIME/TUME MODE:	Automatically primes system and tunes ultrasonic handpiece
IA (IRRIGATION/ASPIRATION)	
ASPIRATION PUMP:	Peristaltic, low pulsation
AVAILABLE VACUUM LEVEL:	From 0 to 500 mmHg
AVAILABLE ASPIRATION FLOW RATE:	From 0 to 50 cc/min
SURGEON MODE (LINEAR ASPIRATION):	Linear aspiration (vacuum and/or flow rate) from zero to preset
HANDPLECE TYPE:	Coaxial IA, user's choice
VIT (VITRECTOMY)	
HANDPLECE TYPE:	Pneumatically powered guillotine cutter
CUTTING MODE:	Guillotine action
AVAILABLE CUT RATE:	From 60 to 700 cuts per minute
ACTUATION DEVICE:	Internal air compressor
OPERATING PRESSURE:	20PSI
AVAILABLE VACUUM RANGE:	0 to 500 mmHg
AVAILABLE ASPIRATION FLOW RATE:	0 to 50 cc/min
SURGEON MODE (LINEAR ASPIRATION):	Linear aspiration (vacuum and/or flow rate) from zero to preset
COAG (COAGULATION)	
TYPE:	Bipolar generator
OPERATING FREQUENCY:	315kHz
NOMINAL POWER:	5.5 Watts (250 Ohm load)
AVAILABLE COAG POWER:	5 to 100%
SURGEON MODE (LINEAR POWER):	Allows linear control of the Coag power by depressing footpedal
DIMENSIONS	
H/W/D/WT:	6.5in (16.5cm) / 14.5in (36.8cm) / 13.5in (34.3cm) / 21lbs (9.55kg)
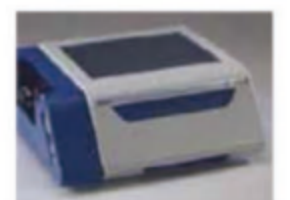
MODEL 2000
Phacoemulsification System

MTP 白内障超声乳化系统

- Advanced Cataract Removal
- State-of-the-Art Peformance
- Could Phaco Capability
- Easy-to-Use Precise Controls
- FDA Approved
- ISO Certified Quality
- Affordable Price

Standard Accessories：

- U/S Handpiece   - Footpedal   - Tubing Kit

Optional Accessories：

- Phaco Tips   - I/A Handpiece   - Aspiration Tips
- Irrigation Sleeve - Test Chamber   - Vitrector

Technical Parameters

Mode	Specification
CAUTERY	CAUTERY POWER: 0 to 100%, 1 MHz, 10W into 150 ohms
I/A	ASPIRATION RATE:0 to 50 cc/MIN I/A VACUUM:0 to 650 mmHg
U/S	U/S POWER:0 to 100%, 40kHz ASPIRATIONRATE:0 to 50 cc/MIN U/S VACUUM: 0to 650 mmHg
U/S PULSE	U/S POWER:0 to 100%, 40kHz ASPIRATIONRATE:0 to 50 cc/MIN U/S VACUUM: 0 to 650 mmHg Pulse Rates: • LO 4.5 PPS • MED 6.5 PPS • HI 10 PPS • XTR 15 PPS
U/S COLD	U/S POWER:0 to 100%, 40kHz ASPIRATIONRATE:0 to 50 cc/MIN U/S VACUUM: 0 to 650 mmHg Pulse Widths: • LO 20 PPS • MED 40 PPS • HI 90 PPS • XTR 200 PPS
VITRECTOMY	U/S POWER:0 to 100%, 40kHz ASPIRATIONRATE:0 to 50 cc/MIN U/S VACUUM: 0to 650 mmHg

技术参数 FEATURES

- All Titanium Phaco Handpiece
- Continuous Autotuning
- Three (3) Phaco Modes
- Low-Pulsation Periataltic Pump
- Separate U/S Vacuum Controls
- Independent Vacuum & Flow Controls
- Multiple Audible Status Tones
- Reflux On-Demand
- Pneumatic Vitrectomy
- Bipolar Cautery
- Reusable Accessories
- Small and Compact
- No Complicated Menu System
- No Programming Required
- Superior Components
- Multi-Function, Linear-Control Footpedal
- U/S Timer with Reset

General	Specification	
Dimensions	Hight: 14.6 cm (5.7 in) width: 41.2 cm (16.2 in) depth: 33.0 cm (13.0 in)	
Weight	weight: 7.4 kg (16.4 lbs)	
Electrical	100 to 240 VAC, 50 to 60 Hz	

- FDA approved
- ISO 13485 Quality Certification
- Satisfies IEC 60601-1 Specification
- Made in the USA

Operation Microscope

YZ-20T9

手术显微镜

Characteristics:

- Advanced apochromatic technology and unique optical balanced technology effectively improves the binocular visual fusions, strengthenes in third dimension and reduces surgeon's tireness during operations.
- Fine focusing knob is under the bottom of assistant binocular. The observation of the assistant's microscope can be finely focused independently of the main microscope to avoid different from surgeons.
- 20° oblique illumination can also be used as slit illumination. Slit width is continuously adjustable.
- For ophthalmic use.

技术参数 FEATURES

Eyepiece Magnification：12.5×/18B

Objective Lens：f=200mm　　Working Distance：190mm

Magnification for Main Microscope：

4×、6×、10×、16×、25×

Magnification for Assistant Microscope：6×、10×、16×

Diameter of Field：Φ58mm、Φ38mm、Φ23mm、Φ14mm、Φ9mm

Adjustable Diopter：±5D

Adjustable Range for Pupil Distance：50mm~75mm

Maximal Resolution：119LP/mm

Focus for Assistant Microscope：≥30mm

Illumination Source：12V/100W,cold reflection halogen bulb for medical use

Illumination Type：6°+0° coaxial illumination of cold light source and 20° oblique illumination (It can be used as slit illumination) Silt Width is adjustable

Coaxial Illumination：≥50000lx

Oblique Illumination：≥45000lx

Reaching Radius of Arm：1240mm

Adjustable Vertical Range：850mm~1350mm

Fine Focusing Speed and Range：≤2mm/s, 50mm

Speed for X/Y and Range：≤2mm/s, 50mm×50mm

Power Supply：AC220V±22V/50Hz±1Hz，AC110V±11V/60Hz±1Hz

Power：330VA

Fuse：AC250V T4.0A(51S-040H)、AC125V T8.0A(51S-080L)

Electrical Safety Standard：Executive standard: GB9706.1-2007、Class I

Packing Volume：0.756m³，5cartons

Total Gross Weight：215kg

Operation Microscope

YZ-20T4

手术显微镜

- Assiatant microscope can be rotated to opponent microscope.

- Internal beam splitter can be connected with teaching tube and CCD system.

- Equipped with three different objective lenses (f200/f250/f300) and applicable in ophthalmic aurgery, orthopedic surgery and hand surgery.

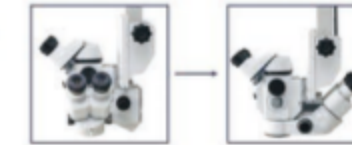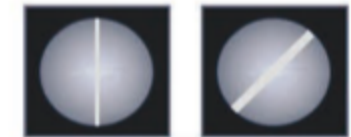- Oblique illumination can also be used as slit illumination and slit width is adjustable.

技术参数 FEATURES

Eyepiece Magnification：12.5×/18B

Magnification for Main Microscope：

f200: 4×、6×、10×、16×、25×

f250: 3.2×、5×、8×、12.8×、20×

f300: 2.7×、4.2×、6.7×、11×、17×

Working Distance：f200:190mm f250:240mm f300:290mm

Magnification for Assistant Microscope：

f200: 6×、10×、16×

f250: 5×、8×、12.8×

f300: 4.2×、6.7×、11×

Adjustable Diopter：±7D

Adjustable Range for Pupil Distance：50mm~75mm

Maximal Resolution：112LP/mm

Illumination Source：12V/100W,cold reflection halogen bulb for medical use

Illumination Type：6°+0° coaxial illumination of cold

light source and 25° oblique illumination (It can be used as slit illumination) Silt Width is adjustable and its angle is 360° rotation

Coaxial Illumination：≥50000lx

Oblique Illumination：≥45000lx

Reaching Radius of Arm：1040mm

Adjustable Vertical Range：850mm~1350mm

Fine Focusing Speed and Range：≤2mm/s, 50mm

Speed for X/Y and Range：≤2mm/s, 50mm×50mm

Power Supply：AC220V±22V/50Hz±1Hz，AC110V±11V/60Hz±1Hz

Power：330VA

Fuse：AC250V T4.0A(51S-040H)、AC125V T8.0A(51S-080L)

Electrical Safety Standard：Executive standard: GB9706.1-2007、type I

Packing Volume：0.727m³，5cartons

Total Gross Weight：210kg

Operation Microscope

SOM-2000D

手术显微镜

- Germany Schott optics ensures the surgeon bright, balanced and fine observation.
- Apochromatic technology used in the optical design , ensures coaxial light focus and provides clearer field of view.
- Lock device under the microscope arm ensures the safe distance and prevents accidents from happening.
- Independent electrical control box with the function of automatic.

技术参数 FEATURES

Eyepiece Magnifications：12.5×

Objective Lens： f=200mm

Working Distance： 170mm

Magnification for Main Microscope： 4.6×~27× motorized and manual control continuous magnification

Magnification for Assistant Microscope： 6×、10×、16×

Diameter of Field： Φ46mm~Φ8.5mm

Adjustable Diopter： ±5D

Adjustable Range for Pupil Distance： 55mm~75mm (main microscope is 45mm~80mm)

Focus for Assistant Microscope： ≥30mm

Illumination Source： 12V/100W,cold reflection halogen lamp for medical use

Illumination Type： 6°+0° coaxial illumination of cold light source, 26° oblique illumination

Coaxial Illumination： ≥60000lx,1~9level,panel operated

Oblique Illumination： ≥60000lx,1~9level,panel operated

Reaching Radius of Arm： 1230mm

Adjustable Vertical Range： 880mm~1420mm

Fine Focusing Speed and Range： ≤2mm/s, 50mm

Speed for X/Y and Range： ≤2mm/s, 50mm×50mm

Power Supply： AC110V/220V±10%, 50Hz/60Hz

Power Consumption： 170VA

Fuse： T4.0AL 250V, T8.0AL 125V

Packing Volume： 0.756m³, 5cartons

Total Gross Weight： 215kg

Operation Microscope

YZ-20P5

手术显微镜

- Column stand can be reflitted to holding stand. It can also be customized according to various operation requirements.

技术参数 FEATURES

Eyepiece Magnifications：12.5×

Objective Lens： f=200mm

Working Distance： 190mm

Magnification for Main Microscope： 5.3×、8×、12×

Diameter of Field： Φ37mm、Φ8.5mm、Φ16.7mm

Adjustable Diopter： ±6D

Adjustable Range for Pupil Distance： 50mm~80mm

Illumination Source： 12V/100W, medical cold reflection halogen lamp

Illumination Type：

6°+0° Coaxial of cold light source illumination

Coaxial Illumination： ≥30000lx

Reaching Radius of Arm： 870mm

Adjustable Vertical Range： 30mm

Power Supply： AC110V/220V±10%, 50Hz/60Hz

Power Consumption： 120VA

Fuse： T1.25AL 250V, T2.5AL 125V

Packing Volume： 0.2m³, 1cartons

Total Gross Weight： 41kg

Streak Retinoscope

YZ-24

检眼镜

技术参数 FEATURES

· The well positioned filament can be rotated for 360° and upward and downward moved Brighteness of the streak can be adjusted...

· Quickly and precisely measure the astigmatism axis.

· The light can be converged, radiated and paralleled.

· Automatic turning off effectively protects the bulb.

· Two-steps adjustable brightness for bulb: S (Bright), W (Dark)

Working Distance：	1m
Streak width：	3mm-20mm
Rotatable Angle：	360°
Illumination Source：	3V/2.1W, Halogen Bulb
Power Supply：	AC110V/220V±10%, 50Hz/60HZ

YZ-24B

技术参数 FEATURES

· The filament can be 360° rotated and be adjusted upward and downward.

· Quickly and precisely measure the astigmatism axis.

· The light can be converged, radiated and paralleled.

· Continuously adjustable brightness.

· Convenient quick recharging.

· Anti-overcharging function protects the battery.

· Connected with the head of ophthalmoscope is also available.

· Double electricity double sufficient power. YZ24B and YZ11D could be recharged at the same time.

技术参数 FEATURES

Working Distance：	0.67m
Streak width：	3mm-20mm
Illumination Source：	3.5V/2.8W, Halogen Bulb
Streak Rotation：	360°
Power Supply：	AC100V to 250V, 50Hz/60HZ
Power (Main Body of Ophthalmoscope)：	Li+battery pack DC:3.7V

Indirect Ophthalmoscope

YZ-25C

间接检眼镜

· LED lamp(Low-temperature,low-pressure,high-brightness),the light is uniformly,bright and brightness can adjust continuously

· Imaging clearly,strong dimensional sense and large field of view range. The main body part of this device adopts engineering plastics, compact and exquisite.

· Surper lightweight design to reduce fatigue,operation is very convenient.

· The portable power is suitable for surgery, ward round and consultation.

· Equipped with color filter,teaching mirror and sclera depressor,operating be more handy.

YZ25C

You can obtain comfortable observation angle throw to adjust the multi-directional adjustment locking knob and lighting control knob.The color filter and the reflector are all the built-in dust-proof it can maintain long-term for the performance of clear illumination and observation.

Three kinds of color filter :White light,Cobalt blue light,Red-freelight.Three different- sizeds aperture:large aperture(60mm) medium-sized aperture(40mm),small aperture(20mm),it can suitable for diverse pupils.

The teaching mirror around two roads coating spectroscope,can observe distinctly and synchronous.

Eyepiece equipped with upper and lower fixtures allowing doctors to use more convenient.

Portable Teching Tube, is small, compact and convenient to dismantle and assemble

Two kinds of sclera compressor with smooth surface, can effectively protect the tissue
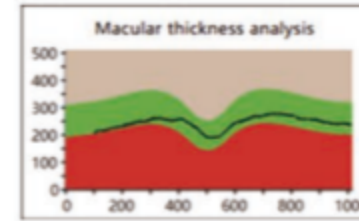

Portable power battery

技术参数 FEATURES

Model：	YZ25C
Angle of View：	45° ±5°
Pupil Distance：	52mm~74mm
Weight：	700g
Adjustable Range of the Head Frame：	520mm~640mm
Depth：	85mm~125mm
Illimination Soure：	6V/10W halogen bulb /LED
Power Supply：	AC110V/220V±10%, 50Hz/60Hz
	Lit battery pack DC:7.4V Rechargeable

Optical Coherence Tomography

OCT-2020

光学相干断层扫描仪

Scan Mode

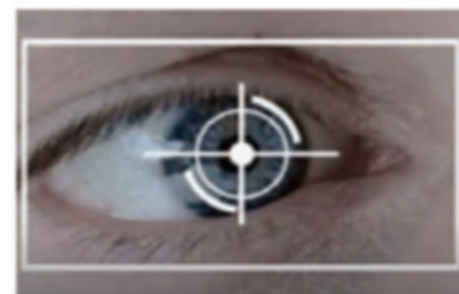OCTA2020 has a variety of scan modes, including area scan, HD one line scan and multilines scan.

Area scan: 512*64, range 6mm*6mm\range 12mm*12mm

HD one line scan: 1024*30, length 6mm; 2048*30, length 12mm

Multilines scan: 5 lines parallel scan, Radiation scan, Circular scan

5 lines parallel scan
1024*5*4 , length 6/12mm
depth 2.65mm , spacing1.0mm

Radiation scan
6 lines , 1024*6*4
depth 2.65mm , fixed spacing

Circular scan
Circular scan line , 1024*8
diameter 3mm , depth 2.65mm

Auto Focus

OCTA2020 can automatically complete the tracking of fundus and macula, detect and calibrate the central part of the pupil, detect and adjust the focus and fault position, and display retina layers of high-definition. The whole acquiring time is limited to 5 seconds, greatly saving the diagnosis time for clinicians
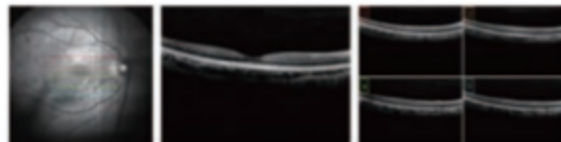
Macular thickness analysis

Glaucoma Analysis

Accurately measure the retinal thickness around the fovea and compare it with the age-related normal data to analyze the deviation of patient's retinal thickness, which helps clinicians diagnose glaucoma.

Perform circular scan around the optic papilla, automatically quantify the optic nerve thickness, and compare the thickness with database, so as to Scan Mode examine the atrophy of the optic nerve as an early sign of glaucoma.

Follow-up, a More Efficient Patient Management

Accurate and rapid scan helps follow up the disease changes, making diagnosis more efficient and easier. OCTA2020 can automatically record current scanning position of macular and eyeball and intelligently locate the previous scanning position in the later follow-up examination, to ensure that two scans are in the same position. Based on the trend analysis of retinal thickness in different stages, perform long-term follow-up examinations and trend analysis.

Fundus Disease Analysis
OCTA2020

技术参数 FEATURES	
Measurement ： Axial resolution(in tissue): 5μm (in tissue)	Circular scan
Horizontal resolution(tissue): 10μm (in tissue)	Other functions ： Follow-up, Auto focus, Auto reference arm,
Scanning ： Maximum A scanning speed: 20KHz, tolerance±5%	Automatic segmentation and manual segmentation, Anterior
Maximum scanning depth: ≥2.65mm(in tissue), tolerance±3%	segment, Pseudo color, Glaucoma analysi, Macular thickness
Maximum scanning range: 12mm×12mm, tolerance±5%	analysis (macular topographic map), Automatic identification
Light source ： Central wavelength: 843nm	for fovea centralis, Disc automatic identification, Internal fixation
Light power ： ≤750μw (at the cornea)	target and external fixation target, RNFL clock hours, Eye-tracking,
Refractive compensation range: -20D～+20D	Fovea localization
Fundus image light source ： Light power: ≤1.5mW	PC and Printer ： Hard disc: 2T
Fundus image ： Method: LSLO	CPU ： I7-8700
Central wavelength: 780nm	GPU ： RTX2060 6G
Range: 42.0°×42.0°	RAM ： DDR4 16G
B-scan ： Area scan: 512*64, range 6mm×6mm	Display ： 24-inch LCD screen
512*64, range 12mm×12mm	For more information about ZD Medical, please visit the
HD one line scan: 1024*30, length 6mm; 2048*30, length	following Wechat pubic accounts or log in the official website:
12mm Multi lines scan: 5 lines parallel scan, Radiation scan,	www.zd-med.com
	Design and parameters are subject to change without prior notice

Optical Coherence Tomography

Retiview 500

光学相干断层扫描仪

技术参数 FEATURES

Methodology: Spectral domain OCT	Pupil diameter: ≥3mm
Axial resolution: ≤6μm （in tissue)	OCt light source: 840nm SLD
Transverse resolution: ≤20μm （in tissue)	Optical power: 750μm (at cornea)
Scan depth: ≥2.5mm (in air)	Operation: 13.3″touch screen,optional external mouse or keyboard
Scan range: ≥6mm	
Scan speed: ≥24,000 A-scans/sec,up to 36.000 A-scans/sec	Power supply: 100-240V,50/60 Hz
Scan modes: 3D,Raster,Circle	Dimensions: 497mm×395mm×490mm (L×W×H)
Fundus image: OCT en face	Weight: 34kg (75lbs)
Focus adjustable: −15D+15D	

Note subject to change without advanced notice.

All-in one Design

Compact Design

Everything is inside this compact body. No external computer is needed. Plug in the power cable, then you are ready to go.

PC Inside

Data acquisition and processing are accomplished by the internal computer. The data can be transported via ethernet or external harddrive. Peripheral devices, such as keyboard or printer, can be connected to the computer ports.

Easy Installation

No complex connection or set up. Compact body can fit in even small space.
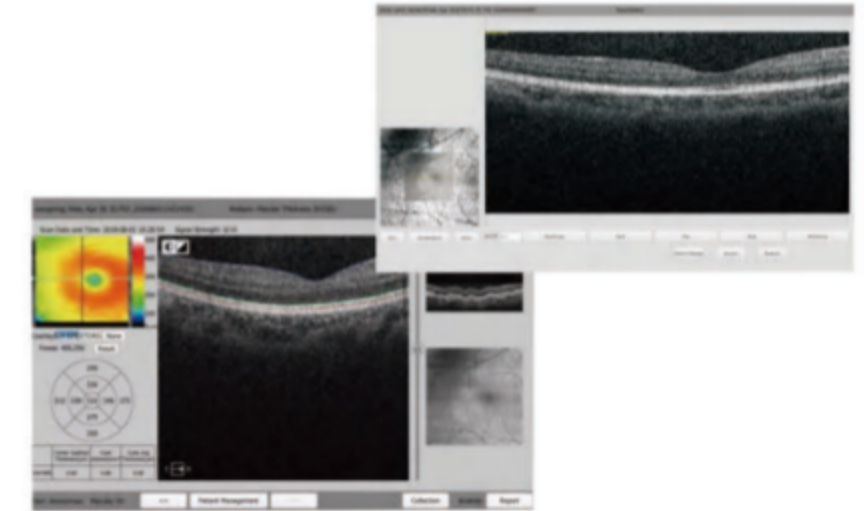

Step 1

Choose left or right eye. Push the direction buttons to move the target eye to the center of the field of view, then start data acquisition.


Step 2

Enter the data acquisition interface. The device is able to search for the OCT signal and optimize it automatically.

Simple Operation

Step 3

Browse and analyze the acquired images.

Affordable Quality

We believe that less is more. The simple design of Retiview 500 OCT reduces the cost of the device without sacrificing the image quality. OCT has never been so affordable. More people can benefit from the advanced technology now.
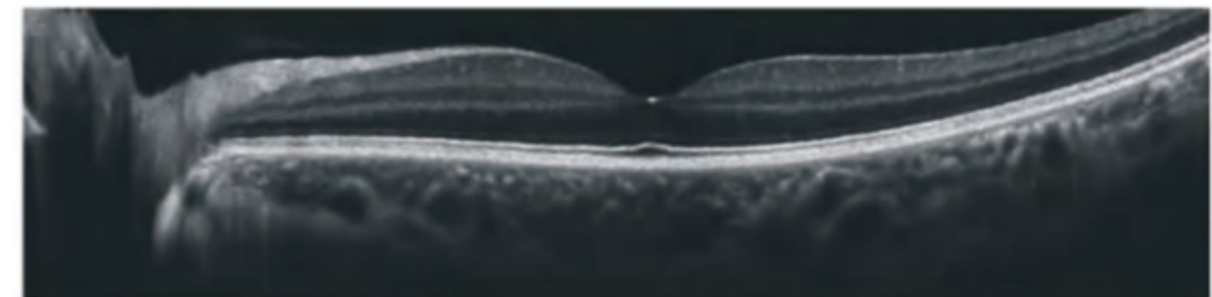
Biometer

AL-View

生物测量仪

Step 1

Step 2

Step 3

技术参数 FEATURES

Measuring Range

axial length：14-38mm

Corneal curvature：5-11mm

Anterior chamber depth：0.7-8mm

Lens thickness：1-10mm(lens)　0.13-2.5mm(intraocular lens)

Center cornea thickness：0.2-1.2mm

Cornea white to white：7-16mm

Pupil diameter：2-13mm

urvature range：180 degree

Accuracy

Axial length：0.01mm

Corneal curvature：0.01mm

Anterior chamber depth：0.01mm

Lens thickness：0.01mm

Center cornea thickness：0.01mm

White to white：0.1mm

Pupil diameter：0.01mm

Axis of sight eccentricity：0.01mm

Axis angle：1 degree
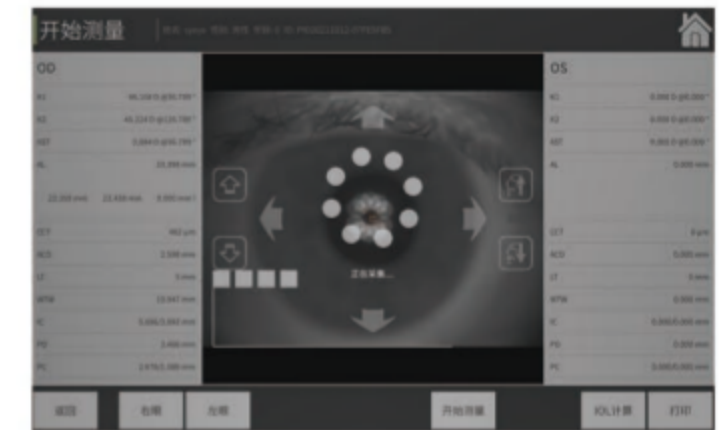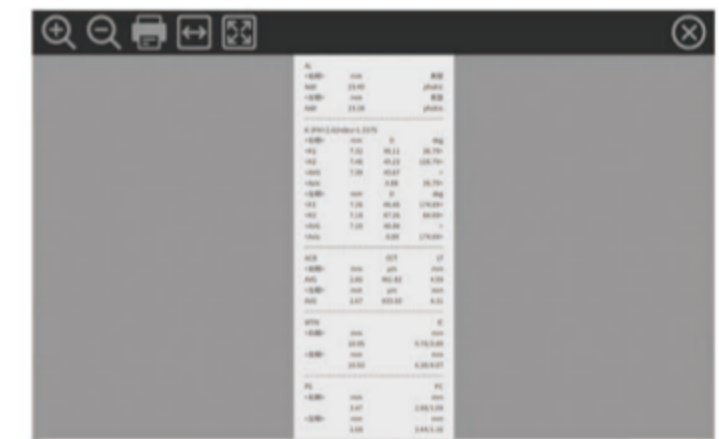
Repeatability

Axial length：0.02mm

Corneal curvature：(1ρ)+/-30um

Anterior chamber depth：0.02mm

Lens thickness：0.02mm

Center cornea thickness：0.02mm

White to white：(1a)+/-0.3um

curvature difference：+9 degree

Calculation formula of intraocular lens

BinkHorst-Ⅱ、Holladay、Hoffer-Q、Haigis、SRK-T、SRK Ⅱ

interfaces

USB 2.0　window 10

voltage/lfrequency

AC 110-240V/50HZ

Corneal Topography

角膜地形图

SW-6000

技术参数 FEATURES

Measuring Mode：Placido Cone

Coverage range of measurment：10.91mm（Diameter）

Measuring range of Curvature radius：

5.5mm-10.0mm（33.75D-61.36D）

Precison：±0.02mm

Placido Rings：31 Rings

Measurement Points：7936 Points

Display：Axial Curvature map，Tangential Curvture Map，Elevation Map，Imitated Keratoscope Map and 3D cornea Map

Image output：High-Quality color inkjet printer

Ajust range：Left/Right>86mm;Forward/Backward>40mm;Up/Down>30mm;Chinrest>50mm

Cornea Contact Lenses Fitting Function

Keratoconus Detectiong Function

SW-6000

Corneal Topography SW-6000 Adopt PLACIDO cone , 31 nings , a total of 7936 points.

Used in the clinical diagnosis of corneal astigmatism , quantitative analysis of corneal shape , display the corneal curvature by date or different colors , can display axial curvature map and corneal 3D map . Can be used in preoperative examination and postoperative effect evaluation of corneal refractive surgery , can guide wearing contact date lens , to improve the accuracy of adaptive contact lens

Rebound Tonometer

眼压计

SW-500

Wireless Translate

技术参数 FEATURES

1. Internal reading Lensmeter.

2. ±25D measurement.

3. Wide field of vision observation.

Specifications

Ranges of Measurement：0 to ±25D

Minimum：

Outer Reading:0.125D Inner Reading:0.125D graduation up 0 to ±5D and 0.25D graduations over±5D to ±25D

Cylinder Axis Range：0-180° step 1°

Primatic Power Range：

0-5 prism diopters, graduations with prism compensation device

0~20 prism diopters, 1 graduations

Prism Base Angle：0~180°

Eyepiece Adjustment：±5D

Dimension of Objective Lens：16~86mm

Overall size：275×120×430mm

Weight：4kg

Lighting Bulb：~220V/-3V 3W or ~110V/-3V 3W

Applanation Tonometer

眼压计

YZ-30R

技术参数 FEATURES

The product is designed on the principal basis of Goldman tonometer.Three types are available: R and T Type are suitable for Haig Streit type slit lamp, while Z type is suitable for Carl Zeiss type slit lamp.

Character

It's not only used to examine the eyes, but also measure the intraocular pressure while working under the slit lamp.

Accurate measurement ensures the total tolerance less than ± 0.066KPa (0.5mmHg).

Directly get the intraocular pressure.

Measured intraocular pressure will not be affected by hardness of eye.

Adjustable measuring pressure ensures the working stability and accurate measurement of tonometer for long time.

Product Description

The instrument is designed based on Goldman tonometer. Both T type and R type are available.

1. When used with Slit Lamp, it can be used to examine the eyes and measure the ocular pressure.

2. Accurate measurement and total tolerance is less than 0.066Kpa (0.55Hg)

3. Directly get the ocular pressure.

4. The measured ocular pressure is not affected by hardness of eye. The affected ocular volume is just 0.56 cubic millimeter.

5. Adjustable measuring ensures the long-term stability and reliability.

Model	YZ-30R
Measuring range	0 - 1064 KPa (0-8 mmHg)
Halo Displacement	1.53 × 2 = 3.06mm
Prism head diameter	7mm
Prism head range of activities	3mm

Model YZ-30R

Measuring range：0 - 1064 KPa (0-8 mmHg)

Halo Displacement：1.53 × 2 = 3.06mm

Prism head diameter：7mm

Prism head range of activities：3mm

Air Tonometer

非接触眼压计

SK-5000A/B

Electric chin rest

AUTO
Fully automatic mode
One touch
You can get OS&OD date
It also supports
semiautomatic/manual mode

SK-5000B supports corneal
thickness measurement
More functions
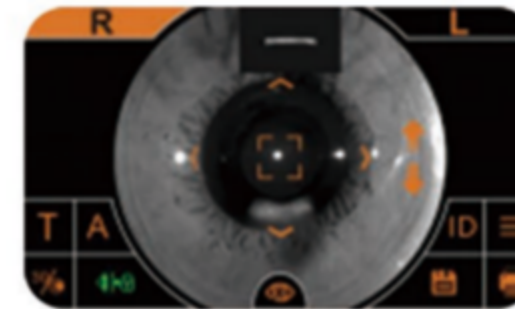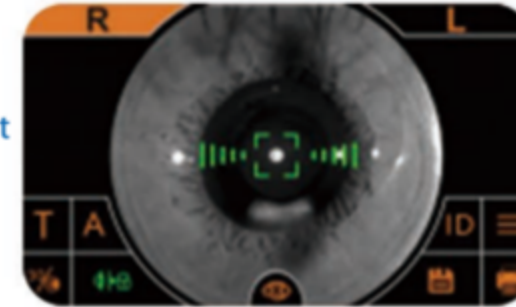
Auto alignment
Auto focus

SAFE
Support air puff detection after turn on
Support safety limit setting
Safer equipment use and operation

7 inch color capacitive touch screen
Can be flip up and down 180°
Flip right and left 60°
Operation and observation are more
convenient

Corneal thickness
measurement
Auto soft air puff

SK-5000A/B

Auto switch OS&OD

技术参数 FEATURES	
Measurement mode：	Fully automatic/Automatic/Manual
Corneal thickness measurement：	Not support / Support
Measurement range-CCT:400-800um Measurement increment-CCT:10um Light Source:Blue LED	
Display： 7-inch 1024*600 color touch screen, support up and down 180℃,left and right 60° flip	
Fixation light： ɪinternal fixation light(green LED),2 external fixation lights	
Measurement accuracy： 1mmHg(0.133Kpa)	
Measurment range： 0-60mmHg(0-8Kpa)Include automatic switching between 30/60mmHg	
Printer： Bulit-in thermal printer,automatic paper cutting	
Date output/input： Input: USB; Output: LAN/RS232C	
Size and weight： 500*300*500;<25kg	
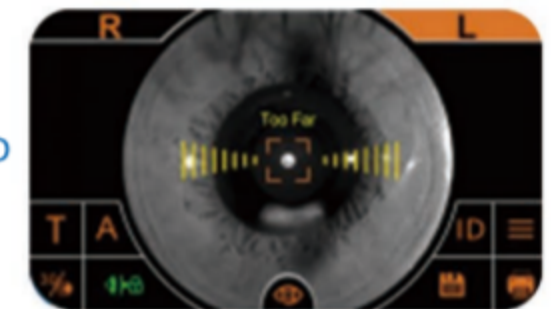
Print report
Auto paper cutting

Fundus camera

眼底相机

NES-1000

技术参数 FEATURES

Field of View： 42 degrees	
Minimum Pupil： 2.5mm	Operating Time： 3h（under 2.5watts）
Image Resolution： 1920*1080 (1080P)	Charging Time： 5h
Refractive Compensation： -20D～+20D	Output format： JPEG/AV
Focus Mode： Manual	Power consumption： ≤6VA
Flash Mode： White LED/ Near Infrared LED	The relative color temperature of the camera flash:
LCD Screen： 3.5-inch TFT Colored Screen	4500K≤TC≤6700K
Picture Format： JPEG(Photograph)	Operating mode： Continuously
Interface： Micro USB	Resolution at the center of the field of view： ≥60 lp/mm
Image Transmission： Micro USB， WIFI Transmission	Resolution The middle of the field of view： ≥40 lp/mm
Storage： Micro SD card. Maximum to 32G	Resolution at the edge of the field of view： ≥25 lp/mm
Power： Li-on rechargeable Battery 3.6V/3400mAh	Near - infrared spectral range： 800nm～880nm
Size： 19cm*10cm*21cm	White LED spectral range： 400nm～750nm
Net Weight： 400g (Typical)	Packing size： 38*30*15cm

Fundus camera

眼底相机

HFC-2

RENDERINGS

技术参数 FEATURES

Transmission and storage：	
internal capacity 16GB； USB/WIFI/BT/4G	Image resolution： 16MP
FOV： 45°	Operating system： PC: Windows system, APP: Android
Minimum pupil： 2.5mm	Screen： 3.97-inch TFT-LCD, 800×480
Weight： 560g	ID Card reading and collection： Support
Refractive compensation： -20D~+20D	Shoot type： IR/White LED
Power supply： Lithium Battery 3.7V 3400mAh	NFC card reader： Support
Focus way： Auto / manual/ real time auto focus	Connect function：
The battery continuously working time：	Professional software，APP, support DICOM, support
6h（Standby time exceeds 24h）	cloud service system, patient data management software,
Fixation targets： 8 internal targets fixation	support wireless printing.
Image Video format： JPEG/3GP	Packing size： 360*290*210mm

Fundus camera

眼底相机

Kestrel RC-3100m 小鹰1号

技术参数 FEATURES

|	
Acquisition modes：Non-mydriatic	
Field of view：53°	
Working distance：35mm	
Focus modes：Auto/manual	
Exposure mode：Auto/manual	
Operation：Auto/manual	
Photography：SLR camera	
Resolution：5megapixels	
Diopter compensation：±30D	
Fixation：Internal fixation	
Autofocus assistance：Dual camera	
DICOM 3.0：YES	
Customization AI port：YES	
Dimensions：380mm(L)×550mm(W)×475mm(H)	
Weight：26.5kg	
Power supply：100-240v 50/60HZ	
Note：Specifications and design are subject to change without notice.	

Quality first, HD image
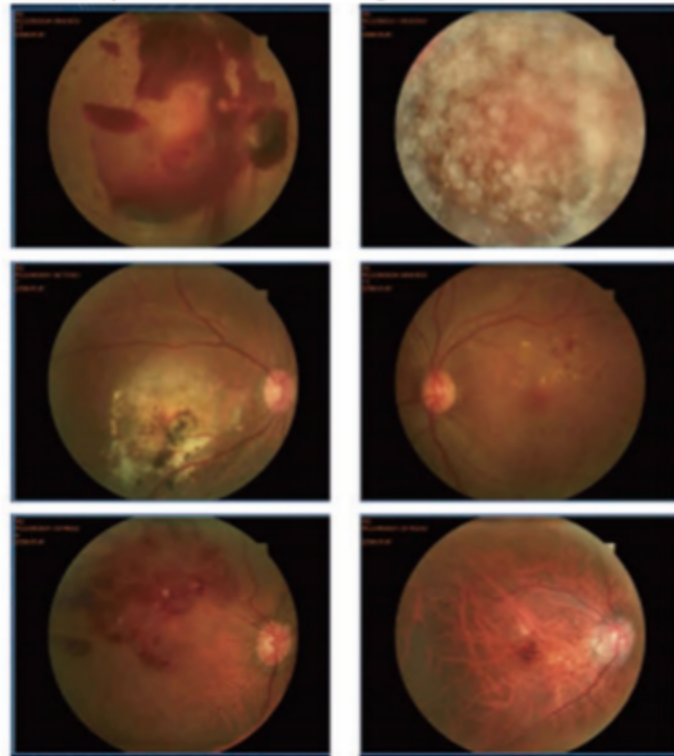
Multifunctional software system

*Powerful image processing function, aquire lesion area and cup disc ratio easily

Gamma, contrast, brightness, color of image can be adjusted, according to doctor requirement

brightness   gamma   contrast   RGB
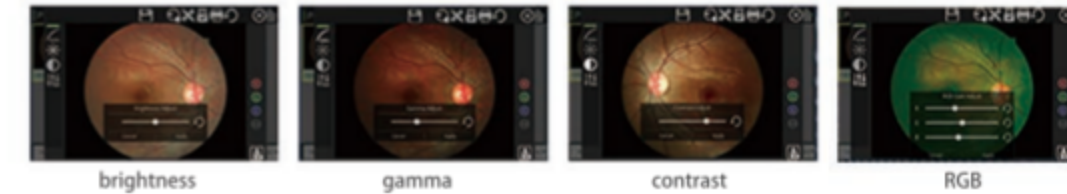
DICOM 3.0 LAN、USB expand port
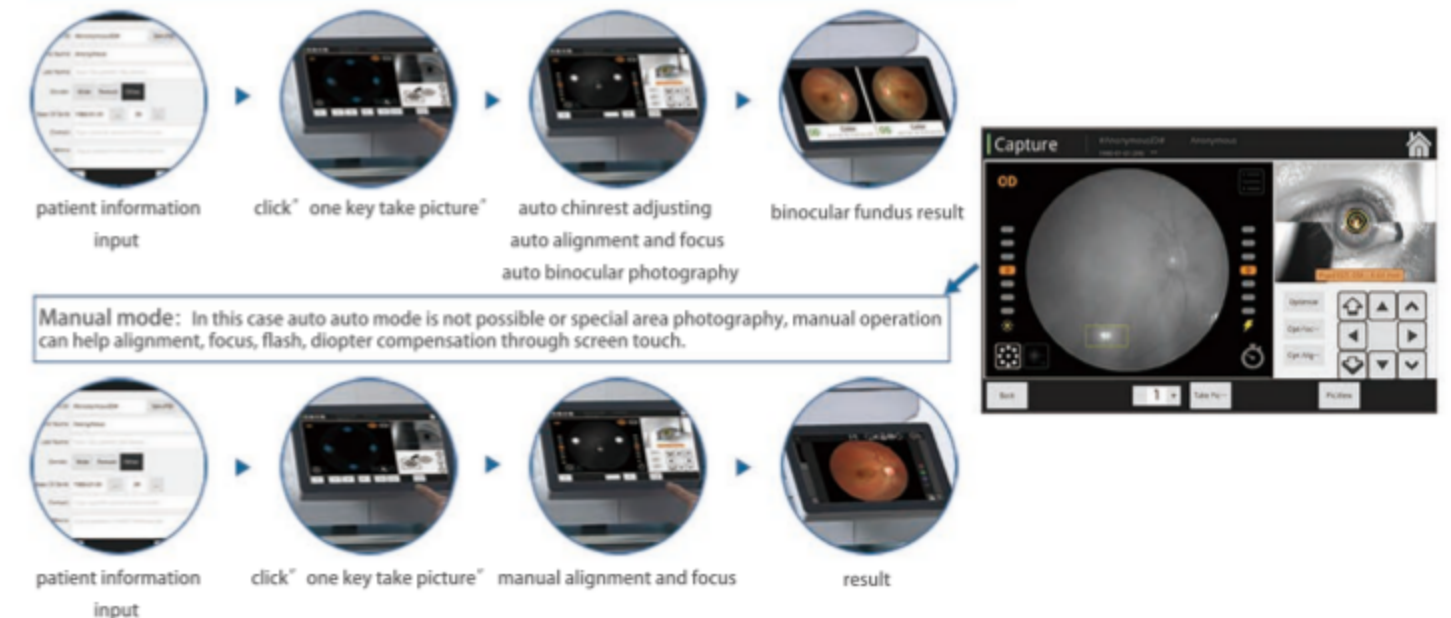
*Support DICOM agreement, connect hospital PACS system.
*LAN sharing, any computer terminal can real-time display image taken by host.
*USB expand storage.
*Remote transmission via FTP system.

DICOM 3.0   LAN sharing   FTP

Intelligent operation

automatic /simple /fast

Automatic mode: automatic alignment and focusing, getting both eye high-definition images by one key touch.

patient information input → click" one key take picture" → auto chinrest adjusting auto alignment and focus auto binocular photography → binocular fundus result

Manual mode: In this case auto auto mode is not possible or special area photography, manual operation can help alignment, focus, flash, diopter compensation through screen touch.

patient information input → click" one key take picture" → manual alignment and focus → result

HONOR CERTIFICATE

BRAND STRENGTH AND RESPONSIBILITY

品牌源自于实力 回归于责任

以严谨的态度创造高效工作，以科学的手段提供有效的数据，以优质的产品打造品牌。对比标杆找差距，把企业的目光紧盯住业界最好水平，明确自身与业界最佳的差距，不断寻求产品的改进与创新，为顾客提供优质的质量与服务。

Create efficient work with rigorous attitude, provide effective date with scientific means, and build products with high quality products.brand. Compare the benchmarks to find the gap, keep the company's eyes on the best level in the industry, and identify itself and the best in the industry. The gap, constantly seeking product improvement and innovation, to provide customers with quality quality and sevice.

INGENUITY IS AN ATTITUDE

匠心是一种态度，更是责任。

SHTOPVIEW ——— Specialized manufacturer of eyeglasses equipment

SHTOPVIEW
top view