**Shanghai MediWorks Precision Instruments Co.,Ltd.**

Profile:

MediWorks was established in 2004 in Shanghai by a group of professional and ambitious young people who had many years of experiences in R&D and production of ophthalmic instrument and machine vision.

MediWorks is committed to providing ophthalmologists and optometrists with high quality products, advanced technologies and superior services. MediWorks is committed to applying the technology of machine vision to medical fields, helping doctors improve health conditions and alleviating the pain of patients.

Now MediWorks has gained the world – wide reputation as one of the most reliable suppliers of ophthalmic diagnostic instruments.
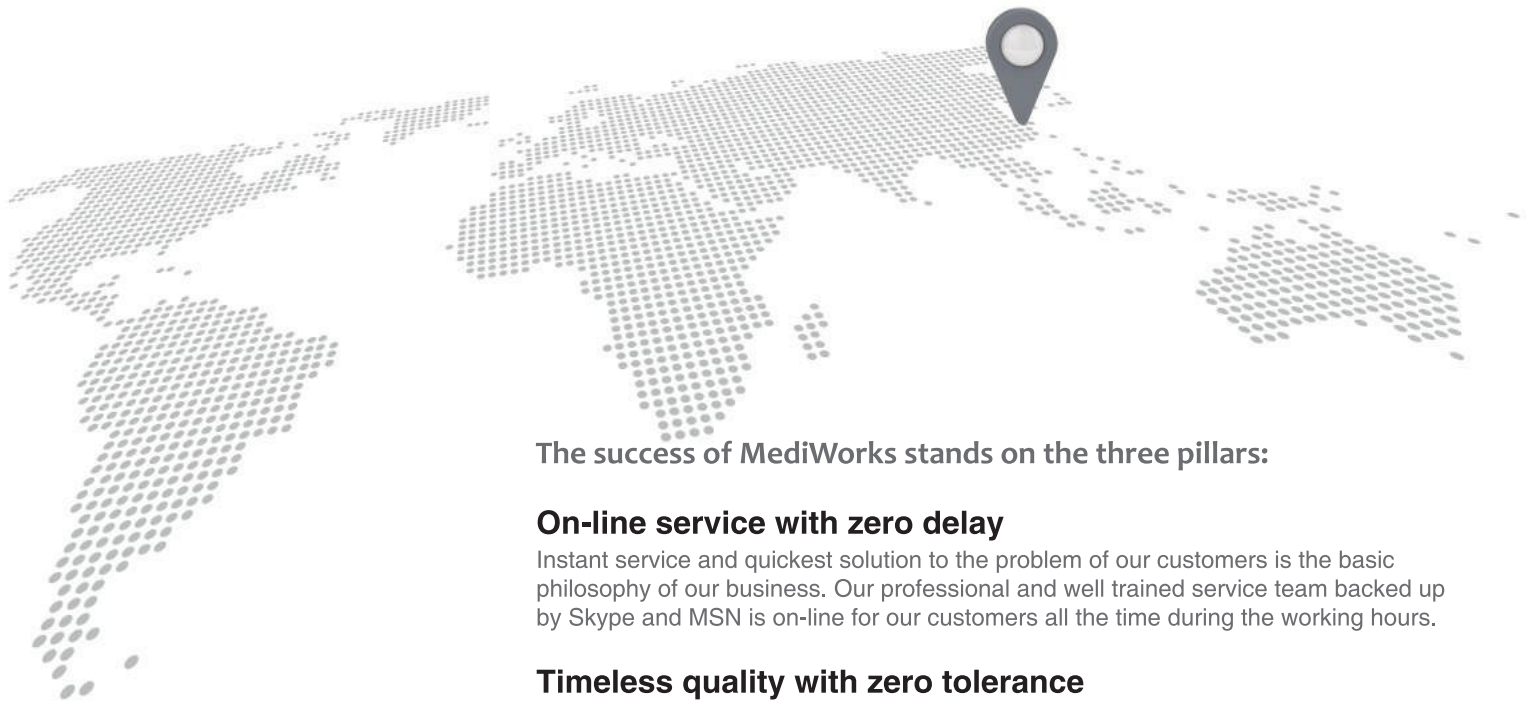
The success of MediWorks stands on the three pillars:

On-line service with zero delay

Instant service and quickest solution to the problem of our customers is the basic philosophy of our business. Our professional and well trained service team backed up by Skype and MSN is on-line for our customers all the time during the working hours.

Timeless quality with zero tolerance

Every part of the machine is carefully processed up to the level of beauty and perfection. The machines are assembled by the hands of the well trained workers working as artist.
Extremely strict quality control in every smallest step during the production ensures our customers getting the durable and almost maintenance – free machines.

Meeting demands with zero compromise

We keep in close touch with ophthalmologists via in person visit, e-mail, social media,etc to understand their demand and ideas for the products. In this way, we are able to incorporate these market feedback into our product development and production to meet these dynamic market demands.

MediWorks ®

Firefly

Motorized Focusing Digital Slit Lamp Microscope
S390L/S390H

Simply Capture Every Key Moment

Firefly

Simple Design + Simple Operation

The design was inspired from the shape of firefly. The smart design largely saves space for doctors compared with built-out camera.

We have preset many camera setups so the user does not need to set many parameters before using the device. The user can operate the machine directly once the installation has been finished. The device carries following automatic functions for photo shooting and processing when equipped with our MediView software:

Auto Focus
Auto Exposure
Auto Gain
Auto White Balance
Auto OS/OD Indicator
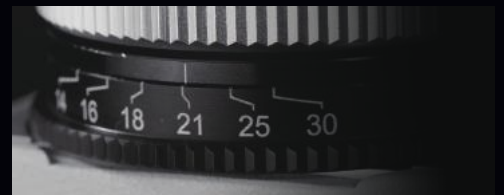
Adjustable Aperture

The aperture can be adjusted at 6 different levels to meet different view of depth and brightness demands.

HDMI output

The HDMI output can be used to connect the S390H/S390L slit lamp with monitor. The doctors can share the live eye examination status simultaneously with patient's family members or students for teaching purpose.

MediView Software

Convenient Patient Management

The patient management system enable doctors to build up and edit patient record, search information by inputting key words.Doctors can easily record symptoms and manage the data all the time.
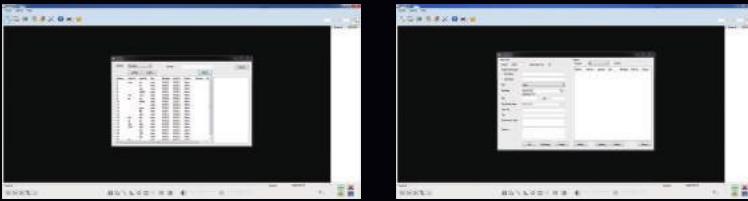
Functional Image Processing

Doctors can measure the pathology area with our powerful software tools and change the contrast and brightness of the images. Doctors can also compare several images at one time to analysis the symptoms and pathology.
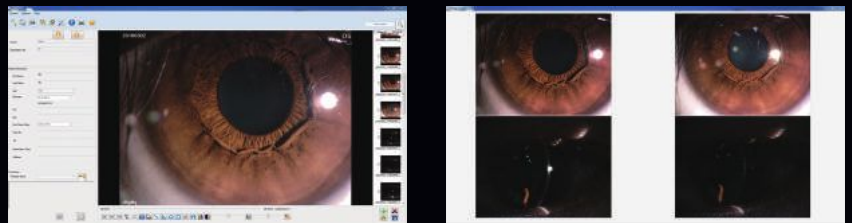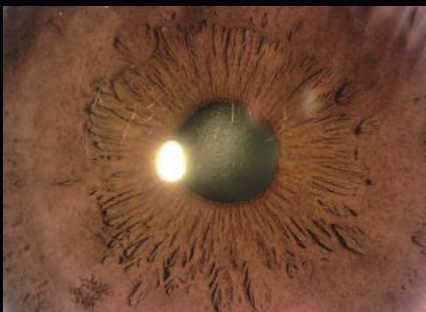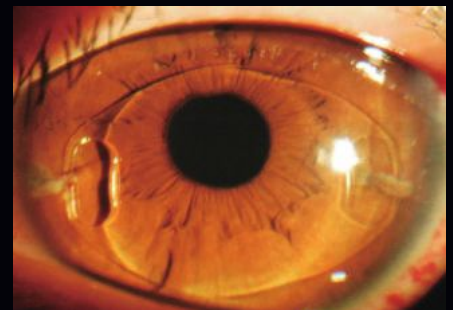
Orthokeratology Treatment Assistance

The doctors can collect and store high resolution fluorescein photos and real time video without recording time limit. Doctors can compare the photos and videos of patients' wearing different lenses to decide the most suitable lens for each patient.

Image Gallery

Specification

Microscope	S390L/S390H
Microscope Type	Galilean Type
Magnification Change	Revolving Drum(5 or 3 steps)
Total Magnification	6X, 10X, 16X, 25X, 40X
Eyepieces	12.5X
Angle between Eyepieces	13°
Pupillary Adjustment	52mm-78mm
Diopter Adjustment	±6D
Field of View	Ø34.7mm, Ø22mm, Ø13.5mm, Ø8.5mm, Ø5.5mm

Slit Illumination	
Slit Width	0~14mm continuous (slit becomes a circle at 14mm)
Slit Length	1~14mm continuous
Aperture Diameters	Ø14mm, Ø10mm, Ø5mm, Ø3mm, Ø2mm, Ø1mm, Ø0.2mm
Slit Angle	0°~180°
Slit Inclination	5°, 10°, 15°, 20°
Filters	Heat-absorbing filter, ND filter, Red-free filter, Cobalt Blue filter
Lamp	3V LED Module **(S390L)** ; 6V/20W Halogen Lamp **(S390H)**
Luminance	≥60KLX **(S390L)** ; ≥50KLX **(S390H)**

Power Supply	
Input Voltage	220V/110V~±10%
Input Frequency	50Hz/60Hz
Power Consumption	10VA **(S390L)** ; 30VA **(S390H)**
Output Voltage	Lamp 6V, Fixation 3V

Packaging	
Dimension	770mm x 470mm x 570mm(L/W/H)
Gross weight	26kg
Net weight	18kg

Slit Illumination	
Image Sensor	5.0M Pixels
Photo Resolution	2592 x 1944
Format	JPEG
Video Resolution	1280 x 960
Frame of Video	25fps
Video Formats	MP4
Focus Mode	Auto Focus
Exposure Mode	Automatic exposure, Automatic gain
Transmission Interface	USB 2.0 High-Speed 480 Mpbs Port

CE   **FDA Approval**

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Details Make the **Difference**

MediWorks®

Digital Slit Lamp Microscope
DC/Image System
Image Speaks Louder Than Words

Quality Optics

Uniquely designed optical system makes MediWorks slit lamps be able to project very sharp and homogeneous slits and apertures. Doctors can obtain closer observation through MediWorks slit lamps and see all kinds of pathologies clearly. As a result, the diagnosis becomes easier for the doctors who can dedicate more time and energy to the treatment for the patients.

Adjustable Aperture and Fine Focusing

The aperture adjustment ring on the digital camera adaptor provides 6 levels of adjustable apertures. This meets the different demands for depth of view and brightness.

The fine focusing ring which also on the digital camera adaptor enable doctors to do fine focusing on the camera so that the image showed on camera can be as similar to the eyepiece image as possible.
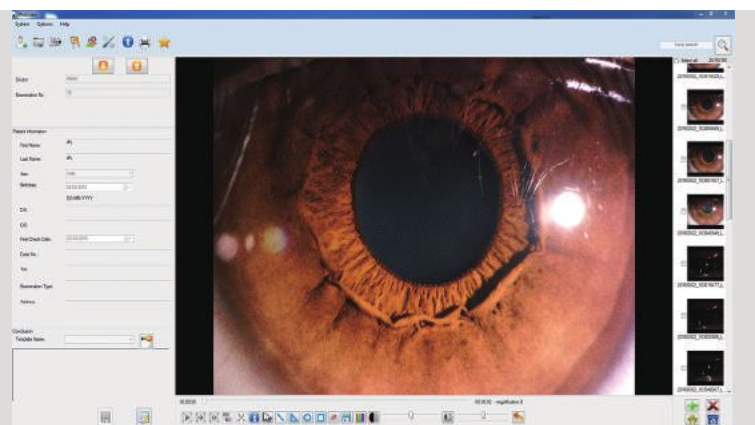
Mediview Image Process Software
(Available for Image System)

Mediview Image Process Software is a professional software to record and edit images and videos captured by MediWorks slit lamps. Mediview can build up and search patient cases conveniently. The images can be edited, measured and compared with the software. Mediview is an essential tool for doctors' daily work with slit lamps.

Accessories

Beam Splitter
(Available for S260/S260S/S280/S280S/
S350/S350S/S360/S360S)

The beam splitter is used to split the light
into digital camera. MediWorks beam
splitter transmits 70% light to the camera
and 30% to the eyepieces.

Digital Camera Adaptor (Canon DSLR)
(Available for S260/S260S/S280/S280S/S350/
S350S/S360/S360S)

The digital camera adaptor is used to connect
slit lamps with Canon DSLR cameras. It has
aperture and focus adjustment rings.

Backlit Background Illumination Module
(Available for S260/S260S/S280/S280S/S350/
S350S/S360/S360S/S390H/S390L)

The backlit background illumination module
will provide extra illumination to the eyes thus
improving the quality of digital imaging.

Image System Specification

System Specification

Accessories	Beam Splitter, Digital Camera Adaptor(Canon DSLR), Backlit Background Illumation Module, Mediview Image Process Software
Functions	Still image (up to 18 mega pixel) acquisition, Patient information management, Inspection report output
Image Acquisition Device	Digital SLR Camera (eg. Canon EOS 550D/600D/700D/750D)
Viewfinder	Microscope eyepieces, Camera viewfinder, Camera LCD, Computer screen
Transmission Interface	USB
Available Slit Lamp Microscope	S260/S260S/S280/S280S/S350/S350S/S360/S360S
Options	Computer, Printer

System Requirements Guidelines

Computer Configuration

CPU	2.00GHz above
Memory	1024MB or above
Screen Resolution Ratio	1280 X 1024 or above
Printer	A4 colorful printer (recommended) B5, B4 and A5 4 x 6" colorful printers are available

Software Configuration

Operating System	Windows 7 (32/64bit), Windows 8.1 (32/64bit) Windows 10 (32/64bit)
Graphics Card Setting	Color quality:24bit or above

Image Gallery
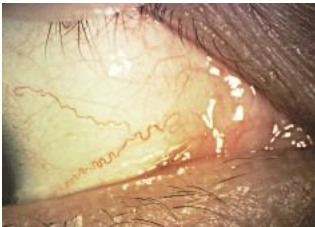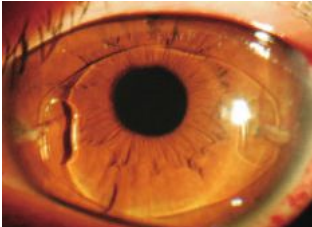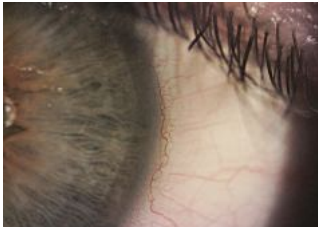
Specification

Microscope	DC/Image System
Microscope Type	Galilean Type
Magnification Change	Revolving Drum(5 or 3 steps)
Total Magnification	6X, 10X, 16X, 25X, 40X
Eyepieces	12.5X
Angle between Eyepieces	13°
Pupillary Adjustment	52mm-78mm
Diopter Adjustment	±6D
Field of View	Ø34.7mm, Ø22mm, Ø13.5mm, Ø8.5mm, Ø5.5mm

Slit Illumination	
Slit Width	0~14mm continuous (slit becomes a circle at 14mm)
Slit Length	1~14mm continuous
Aperture Diameters	Ø14mm, Ø10mm, Ø5mm, Ø3mm, Ø2mm, Ø1mm, Ø0.2mm
Slit Angle	0°~180°
Slit Inclination	5°, 10°, 15°, 20°
Filters	Heat-absorbing filter, ND filter, Red-free filter, Cobalt Blue filter
Lamp	3V LED Module **(S360 / S360S)** ;6V/20W Halogen Lamp **(S350 / S350S)**
Luminance	≥60KLX **(S360 / S360S)** ; ≥50KLX **(S350 / S350S)**

Instrument Base	
Longitudinal Movement	110mm
Lateral Movement	110mm
Vertical Movement	30mm
Fine Base Movement	15mm

Chin-rest	
Vertical Movement	80mm
Fixation	LED

Power Supply	
Input Voltage	220V/110V~±10%
Input Frequency	50Hz/60Hz
Power Consumption	10VA (max) **(S360 / S360S)** ; 30VA (max) **(S350 / S350S)**
Output Voltage	Lamp 6V, Fixation 3V

Packaging	
Dimension	770mm x 470mm x 570mm(L/W/H)
Gross weight	25kg
Net weight	17kg

Accessories

Beam Splitter, Digital Camera Adaptor(Canon DSLR), Backlit Background Illumation Module
Image System only: Left/Right Eye Distinguishing Module, Mediview Image Process Software

CE **FDA Approval**

Details Make the **Difference**

Slit Lamp Microscope
S260/S260S（LED）
S280/S280S

Closer Observation, Easier Diagnosis

Quality Optics

Uniquely designed optical system makes MediWorks slit lamp be able to project very sharp and homogeneous slits and apertures. Doctors can obtain closer observation through MediWorks slit lamps and see all kinds of pathologies clearly. As a result, the diagnosis becomes easier for the doctors who can dedicate more time and energy to the treatment for the patients.

LED Illumination
(Available for S260/S260S)

The light of MediWorks LED lamp is very similar to halogen lamp, which conforms to the operating habit of doctors. The LED lamp MediWorks applied has a low color temperature and high illumination intensity, making view of retina without glare-colors much more vivid and view of cornea with nerves pop out better. The LED lamp has a longer life span and consumes less energy.

Rotational Drum

MediWorks Slit Lamps provide rotational drums for doctors to switch between different magnifications. The scales are engraved by laser and durable for long time use. S280/S260 offers 5 magnifications (6X,10X,16X,25X40X) and S280S offers 3 magnifications (10X,16X,25X).

Dedicated to Details

MediWorks pays full attentions to every detail in the design of slit lamps to deliver good user experience. Doctors can control the illumination knob simultaneously with the little finger without making hands leave the joystick.

Accessories

Yellow Filter Module
(Available for S260/S260S/S280/S280S/S350/
S350S/S360/S360S/S390H/S390L)

Doctors can observe images at higher contrast with MediWorks yellow filter. The eye tissues look sharper under yellow filter. Images can be switched between with filter and without filter by moving the module. The filter can be mounted in front of objective lens and took off easily from slit lamps.
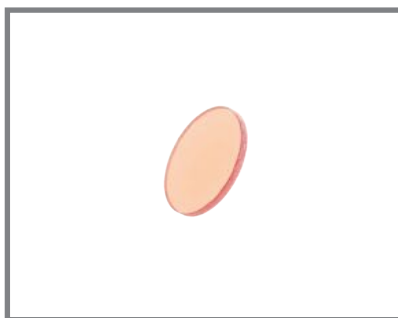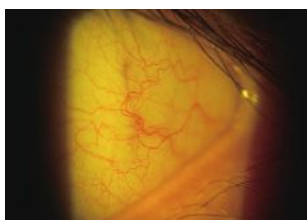
Amber Filter
(Available for S260/S260S/S280/S280S/S350/
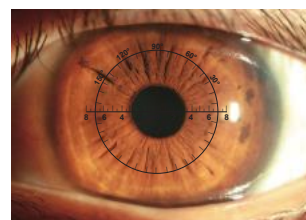S350S/S350C/S360/S360S/S390H/S390L)

The amber filter is installed on the filter disc by factory. The amber filter can provide a color correction to the image. Doctors can obtained a warmer tone of the eye structures. Doctors can tilt the rod to switch from other common filters to amber filter. It cannot be installed by customers, please consult with sales before ordering if you need this filter.

Measuring Eyepiece
(Available for S260/S260S/S280/S280S/S350/
S350S/S360/S360S/S390H/S390L)

Equipped with a reticle inside, the eyepiece has a measuring function which can facilitate doctors to measure the pathologies conveniently and give more accurate diagnosis.

Metal Plate
(work with refraction units)

When placing a slit lamp on a refraction unit, it is suggested to use MediWorks metal plate for easier installation. With smart size design, it is easy to move the whole suite of slit lamp from one refraction unit to another without drilling any screw holes on the table tops.

Instrument Stand Pin
(work with US style instrument stand)

This instrument stand pin is specially designed to install MediWorks slit lamps onto US style instrument stands. The diameter of the joint pin is 19mm, compatible with most of the instrument stands. With this pin the slit lamp table top can be installed to the lower slit lamp arm of instrument stand.

Specification

Microscope	S260/S260S S280/S280S
Microscope Type	Galilean Type
Magnification Change	Revolving Drum(5 or 3 steps)
Total Magnification	6X, 10X, 16X, 25X, 40X **(S260 / S280)** ; 10X, 16X, 25X **(S/260S/S280S)**
Eyepieces	12.5X
Angle between Eyepieces	13°
Pupillary Adjustment	52mm-78mm
Diopter Adjustment	±6D
Field of View	Ø34.7mm, Ø22mm, Ø13.5mm, Ø8.5mm, Ø5.5mm**(S260 / S280)** Ø22mm, Ø13.5mm, Ø8.5mm **(S260S/S280S)**

Slit Illumination	
Slit Width	0~14mm continuous (slit becomes a circle at 14mm)
Slit Length	1~14mm continuous
Aperture Diameters	Ø14mm, Ø8mm, Ø3.5mm, Ø0.5mm
Slit Angle	0°~180°
Filters	Heat-absorbing filter, Red-free filter, Cobalt Blue filter
Lamp	3V LED Module **(S260)** ; 6V/20W Halogen Lamp **(S280 / S280S)**
Luminance	≥60KLX **(S260/S260S)** ; ≥50KLX **(S280 / S280S)**

Instrument Base	
Longitudinal Movement	110mm
Lateral Movement	110mm
Vertical Movement	30mm
Fine Base Movement	15mm

Chin-rest	
Vertical Movement	80mm
Fixation	LED

Power Supply	
Input Voltage	220V/110V~±10%
Input Frequency	50Hz/60Hz
Power Consumption	10VA (max) **(S260/S260S)** ; 30VA (max) **(S280 / S280S)**
Output Voltage	Lamp 6V, Fixation 3V

Packaging	
Dimension	770mm x 470mm x 570mm(L/W/H)
Gross weight	23kg
Net weight	15kg

CE **FDA Approval**

Shanghai MediWorks Precision Instruments Co.,Ltd.

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Details Make the **Difference**

Slit Lamp Microscope
S360/S360S（LED）
S350/S350S

Closer Observation, Easier Diagnosis

Quality Optics

Uniquely designed optical system makes MediWorks slit lamp be able to project very sharp and homogeneous slits and apertures. Doctors can obtain closer observation through MediWorks slit lamps and see all kinds of pathologies clearly. As a result, the diagnosis becomes easier for the doctors who can dedicate more time and energy to the treatment for the patients.

LED Illumination
(Available for S360/S360S)

The light of MediWorks LED lamp is very similar to halogen lamp, which conforms to the operating habit of doctors. The LED lamp MediWorks applied has a low color temperature and high illumination intensity, making view of retina without glare-colors much more vivid and view of cornea with nerves pop out better. The LED lamp has a longer life span and consumes less energy.

Rotational Drum

MediWorks Slit Lamps provide rotational drums for doctors to switch between different magnifications. The scales are engraved by laser and durable for long time use. S350/S360 offers 5 magnifications (6X,10X,16X,25X40X) and S350S/S360S offers 3 magnifications (10X,16X,25X).

Dedicated to Details

MediWorks pays full attentions to every detail in the design of slit lamps to deliver good user experience. Doctors can control the illumination knob simultaneously with the little finger without making hands leave the joystick.

Accessories

Yellow Filter Module
(Available for S260/S260S/S280/S280S/S350/S350S/S360/S360S/S390H/S390L)

Doctors can observe images at higher contrast with this yellow filter. As you can see from the comparison, the eye tissues looks sharper under yellow filter. The filter can be mounted or took off easily from our slit lamp.

With Yellow Filter

Without Yellow Filter
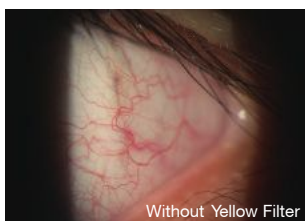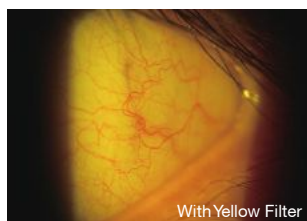
Polarized Filter Module
(Available for S260/S260S/S280/S280S/S350/S350S/S350C/S360/S360S/S390H/S390L)

Equipped with this module on slit lamp, doctors can see more clear image of eyes as the filter can reduce the light reflected from cornea. The filter can be mounted or took off easily from our slit lamp.

With Polarized Filter

Without Polarized Filter

Metal Plate
(work with refraction units)

When placing a slit lamp on a refraction unit, it is suggested to use MediWorks metal plate for easier installation. With smart size design, it is easy to move the whole suite of slit lamp from one refraction unit to another without drilling any screw holes on the table tops.

Instrument Stand Pin
(work with US style instrument stand)

This instrument stand pin is specially designed to install MediWorks slit lamps onto US style instrument stands. The diameter of the joint pin is 19mm, compatible with most of the instrument stands. With this pin the slit lamp table top can be installed to the lower slit lamp arm of instrument stand.

Specification

Microscope	S360/S360S S350/S350S
Microscope Type	Galilean Type
Magnification Change	Revolving Drum(5 or 3 steps)
Total Magnification	6X, 10X, 16X, 25X, 40X **(S360 / S350)** ; 10X, 16X, 25X **(S360S / S350S)**
Eyepieces	12.5X
Angle between Eyepieces	13°
Pupillary Adjustment	52mm-78mm
Diopter Adjustment	±6D
Field of View	Ø34.7mm, Ø22mm, Ø13.5mm, Ø8.5mm, Ø5.5mm**(S360 / S350)** Ø22mm, Ø13.5mm, Ø8.5mm **(S360S/ S350S)**

Slit Illumination	
Slit Width	0~14mm continuous (slit becomes a circle at 14mm)
Slit Length	1~14mm continuous
Aperture Diameters	Ø14mm, Ø10mm, Ø5mm, Ø3mm, Ø2mm, Ø1mm, Ø0.2mm
Slit Angle	0°~180°
Slit Inclination	5°, 10°, 15°, 20°
Filters	Heat-absorbing filter, ND filter, Red-free filter, Cobalt Blue filter
Lamp	3V LED Module **(S360 / S360S)** ; 6V/20W Halogen Lamp **(S350 / S350S)**
Luminance	≥60KLX **(S360 / S360S)** ; ≥50KLX **(S350 / S350S)**

Instrument Base	
Longitudinal Movement	110mm
Lateral Movement	110mm
Vertical Movement	30mm
Fine Base Movement	15mm

Chin-rest	
Vertical Movement	80mm
Fixation	LED

Power Supply	
Input Voltage	220V/110V~±10%
Input Frequency	50Hz/60Hz
Power Consumption	10VA (max) **(S360 / S360S)** ; 30VA (max) **(S350 / S350S)**
Output Voltage	Lamp 6V, Fixation 3V

Packaging	
Dimension	770mm x 470mm x 570mm(L/W/H)
Gross weight	24kg
Net weight	16kg

CE   **FDA Approval**

Shanghai MediWorks Precision Instruments Co.,Ltd.

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Details Make the **Difference**

MediWorks®

Slit Lamp Microscope
S350C

Practial Performance You Can Afford

Specification

Microscope	S350C
Microscope Type	Converging Stereoscope
Magnification Change	2 steps by Objective Lens Rotation
Total Magnification	10X, 16X
Eyepieces	10X
Angle between Eyepieces	13°
Pupillary Adjustment	52mm-78mm
Diopter Adjustment	+5D~-8D
Field of View	Ø18mm(10X), Ø14.5mm(16X)

Slit Illumination	
Slit Width	0~14mm continuous (slit becomes a circle at 14mm)
Slit Length	1~14mm continuous
Aperture Diameters	Ø14mm, Ø10mm, Ø5mm, Ø3mm, Ø2mm, Ø1mm, Ø0.2mm
Slit Angle	0°~180°
Slit Inclination	5°, 10°, 15°, 20°
Filters	Heat-absorbing filter, ND filter, Red-free filter, Cobalt Blue filter
Lamp	6V/20W Halogen Lamp
Luminance	≥50KLX

Instrument Base	
Longitudinal Movement	110mm
Lateral Movement	110mm
Vertical Movement	30mm
Fine Base Movement	15mm

Chin-rest	
Vertical Movement	80mm
Fixation	LED

Power Supply	
Input Voltage	220V/110V~±10%
Input Frequency	50Hz/60Hz
Power Consumption	30VA (max)
Output Voltage	Lamp 6V, Fixation 3V

Packaging	
Dimension	770mm x 470mm x 570mm(L/W/H)
Gross weight	24kg
Net weight	16kg

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Details Make the **Difference**

![MediWorks logo]

Applanation Tonometer
T170

Gold Standard, Accurate Measurement

Accurate Measurement

With years of tests and clinical applications, Goldmann has been proved to be the the gold standard for tonometry measurement. Based on the proven evidence, MediWorks T170 tonometer applied Goldmann principle in the design and manufacture.

With precision manufacturing process, MediWorks applanation tonometer offers accurate and consistent measurements which give a clear picture of patients' IOP situation to the doctors.

Excellent Mechanics

Full attentions are paid to every detail in the manufacture of MediWorks tonometers. Workers assemble every component carefully and check tight tolerances in weight to make sure the tonometer deliver consistent measurements.

Premium Optics

The prism on the tonometer is the key to accurate measurement. In MediWorks, our skillful workers make these prisms with great care and follow strict quality standards. We offer 3 pcs of prisms in standard package making MediWorks tonometers durable in long term use.

Accessories

Tonometer Adaptor (T type)
(For T type applanation tonometer)

(Available for S260/S260S/S280/S280S/S350/
S350S/S350C/S360/S360S/S390H/S390L)

Tonometer Adaptor (R type)
(For R type applanation tonometer)

(Available for S350/S350S/S350C/
S360/S360S/S390H/S390L)

Tonometer Adaptor (870 type)
(For 870 type applanation tonometer)

(Available for S260/S260S/S280/S280S

T type

R type

Specification

	T170
Range of Measurement	0mmHg~ 80mmHg (0 kPa~10.64kPa)
Moving Range of the Rings	1.53x2=3.06mm
Prism Diameter	7mm
Moving Range of Prism	±1.5mm
Dimension	290mmx170mmx110mm
Net Weight	500g (T Type) 800g (R Type)

CE **FDA Approval**

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Details Make the **Difference**

Portable Slit Lamp
S150

Ultra-Portable, Ultra-Usable

Specification

	S150
Magnification	5x
Slit Length	5mm~11mm
Slit Width (min)	0.5mm
Working Distance	12~32mm
Power Supply	Two AA batteries
Light Source	3V/1W Led lamp
Battery Life	More than 3 hours (two AA alkaline batteries)
Net Weigh	120g (without batteries)

CE   **FDA Approval**

Shanghai MediWorks Precision Instruments Co.,Ltd.

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Details Make the **Difference**

Portable Slit Lamp
S150 （Pet）

Ultra-Portable, Ultra-Usable

Specification

	S150
Magnification	5x
Slit Length	5mm~11mm
Slit Width (min)	0.5mm
Working Distance	12~32mm
Power Supply	Two AA batteries
Light Source	3V/1W Led lamp
Battery Life	More than 3 hours (two AA alkaline batteries)
Net Weigh	120g (without batteries)

CE **FDA Approval**

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Details Make the **Difference**

Retina Lens
90D 78D 20D

Deeper Observation,Better Diagnosis

Specification

	90D	78D	20D
Magnification ratio	0.76X	0.93X	3.13X
Static FOV	74.2°	81.4°	46°
PrismWorking Distance (mm)	7.0	8.0	50.0
Clear Aperture(mm)	Ø21	Ø26	Ø48
Dimension(mm)	Ø27 x 13	Ø33 x 15	Ø56 x 20

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Details Make the **Difference**

TRANS**F**ORMER

Smart | User-friendly | Innovative

Vision Chart
C900

More Than Meets Your Eyes

TRANSFORM your monitor to the professional vision chart

Small Outside
Powerful Inside

E	C	K	8					
Tumbling E	Landolt C	Alphabte	Number	Allen Picture	Single Mask	Vertical Mask	Horizontal Mask	Red/Green Mask
Black/White Background	Contrast Sensitivity	ETDRS	V-Type	Contrast Test	Ishihara	Astigmatic Fan Dial	Cross Cylinder	Cross Grid
Fixation Spot Test	R/G Panel	Worth Four-Dot Test	R/G Balance	Vertical Coincidence	Horizontal Coincidence	Stereo	Stereo	Schober
Traffic Light	Full(HD) Video	Eye Education	Mirror Test	Polarized Chart*				

*Request for polarized monitor.

Smart Size
As small as 30cm x 18.5cm x 2.3cm (Min.), 600g only.

Monitor-friendly
Applicable to monitor from15" to 24"(Resolution 1920X1080)
with HDMI / DVI-D interface and VESA

LED Light Glare Sensitivity Test
Designed for driving license examination
Integrated with two LED light on right/left side
Switch on/off the LED light by remote controller

Polarized Charts
Available on polarization monitor
Test easily with polarized lenses
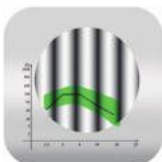
Full HD Video Play
Play eye education videos to your patients
Play videos to advertise your optical shop/clinic/hospital

Flexible Working Distance
Range from 2m/6ft – 7m/24ft in step of 0.1m/0.5ft

Contrast Sensitivity Test
Gamma calibration bring you the accurate test result
Contrast Sensitivity graph output

Free Lifetime Software Upgrading
Install updated software by USB disk

Specification

Optotypes	C900
Optotypes	E, C, Alphabet, Numbers, Children, Allen pictures (Normal and Uncrowded type)
Mask type	Change of the background, Single mask, Horizontal mask, Vertical mask, Red/Green mask, Contrast
Special Chart	ETDRS,Contrast Sensitivity Test, Contrast Test, Ishihara,Cross Cylinder,Astigmatic Fan Dial,Cross Grid, Fixation Spot Test, Stereo Test, Red/Green Panel, Worth Four-Dot Test, Red/Green Balance,Traffic Light, Horizontal Coincidences, Vertical Coincidences,Schober, Polarized Charts Low vision chart (E,C,Alphabet,Numbers,Children,Allen pictures) , Uncrowded Optotypes

Other Functions

Video Playing,Image browsing,Randomization Optotypes Playing,Mirror function,Screen Save function,Standby function

Visus Unit

Decimal	0.05~2.0
Snellen(ft)	20/400~20/10
Snellen(m)	6/120~6/3
LogMAR	-0.3~1.3
5-Grade	3.7~5.3

Working Distance

2m~7m (in steps of 0.1m) 6ft-24ft (in steps of 0.5ft)
Low vision chart 0.4m~1.5m, in step of 0.1m

Power Supply

Input	100-240V AC,60/50Hz
Consumption	30Watt (max)

Remote Control

IR Remote, 2*AA Batteries

Packaging

Dimension	190mm x 22.8mm x 300mm (L/W/H)
Net Weight	0.6Kg

Monitor Configuration

Size	24″ (Max.) Panel
Resolution	1920 x 1080
Brightness	>200cd/m^2 (Min.)
Wall Mounting	VESA
Input Signal	HDMI/DVI-D

Standard Accessories

Remote Control   Red-green glasses   Optotype card   Hanging Bracket   AC-DC Adapter   Power Cable   HDMI Cable

Optional Accessories

Desk Support   Floor Stand

CE **FDA Approval**

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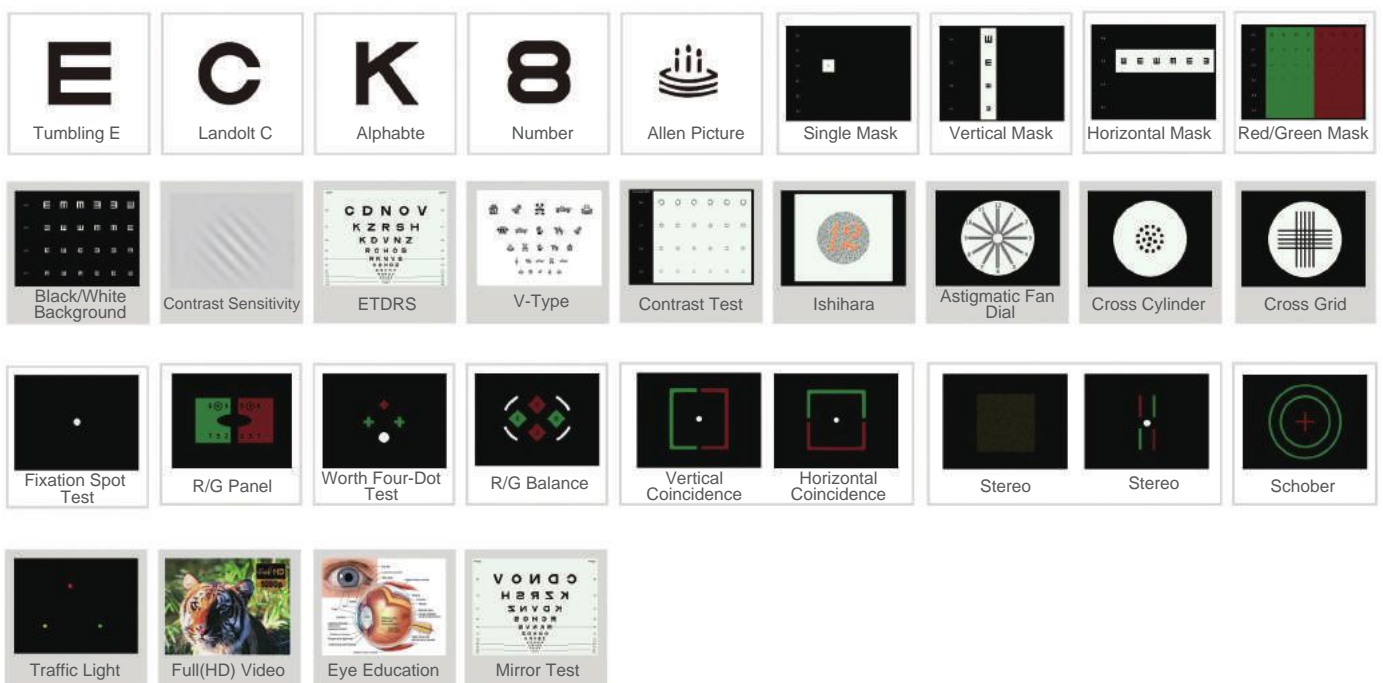**Details** Make the **Difference**

![MediWorks logo]

Vision Chart
C901

What's new?

★ 17 inch LED backlit screen

★ New CNT test, which is more scientific, effective, and directive. CNT curve will be formed and displayed on the screen when the test is finished.

★ Better user experience--- All tests icons are listed on home interface.

★ Quick test list--- Pick ten or less frequently used tests to establish your own quick test list.

★ V style optotype arrangement--- Avoid optotpyes congested on the screen.

★ Excellent programming give full play to the features of CPU.

Tumbling E	Landolt C	Alphabte	Number	Allen Picture	Single Mask	Vertical Mask	Horizontal Mask	Red/Green Mask
Black/White Background	Contrast Sensitivity	ETDRS	V-Type	Contrast Test	Ishihara	Astigmatic Fan Dial	Cross Cylinder	Cross Grid
Fixation Spot Test	R/G Panel	Worth Four-Dot Test	R/G Balance	Vertical Coincidence	Horizontal Coincidence	Stereo	Stereo	Schober
Traffic Light	Full(HD) Video	Eye Education	Mirror Test					

C901 advanced parameter setting experience

The built-in software of C901 is developed on Linux platform. All the optotypes and charts are vector graph.

Change the parameters,
What you do: Press SET button on remote controller.
What C901 does: Redraw the optotypes and charts on based on defined parameters.

Three languages,Chinese,English and Russian,are available currently.

Working distance can be flexibly adjusted according to user's needs.

Various visus units for different operator' preference.

Red & Green value can be set real time according to the clinical condition.

Reversible optotypes and charts for mirrored room.

Size of image can be changed freely according to the working distance.

Screen Saver and Standby function are available.

Gamma Calibration function brings the professional contrast sensitivity measurement.

Software upgrade provided for free during the lifetime of C901.

★ **With two external ports on C901 provided for SD Card and USB flash disk connection, the user**
Can run the automatic update procedure.

Can play video (AVI, MKV and MP4 format.)

★ With the wall bracket as standard, C901 can be installed on the wall.

Specification

Screen	C901
Type	17 inch XGA Panel with LED backlit screen
Resolution	1280 x 1024 pixels
Brightness	>200cd/m^2(min)

Charts

Optotypes	E, C, Alphabet, Numbers, Children, Allen pictures (Normal and Uncrowded type)
Mask type	Change of the background, Single mask, Horizontal mask, Vertical mask, Red/Green mask, Contrast
Special Chart	ETDRS,Contrast Sensitivity Test, Contrast Test, Ishihara,Cross Cylinder,Astigmatic Fan Dial,Cross Grid, Fixation Spot Test, Stereo Test, Red/Green Panel, Worth Four-Dot Test, Red/Green Balance,Traffic Light, Horizontal Coincidences, Vertical Coincidences,Schober
	Low vision chart (E,C,Alphabet,Numbers,Children,Allen pictures) , Uncrowded Optotypes

Other Functions

Video Playing,Image browsing,Randomization Optotypes Playing,Mirror function,Screen Save function,Standby function

Visus Unit

Decimal	0.05~2.0
Snellen(ft)	20/400~20/10
Snellen(m)	6/120~6/3
LogMAR	-0.3~1.3
5-Grade	3.7~5.3

Working Distance

2m~7m (in steps of 0.1m) 6ft-24ft (in steps of 0.5ft)
Low vision chart 0.4m~1.5m, in step of 0.1m

Power Supply

Input	100-240V AC,60/50Hz
Consumption	20Watt (max)

Remote Control

IR Remote, 2*AA Batteries

Packaging

Dimension	540mm x 420mm x 250mm (L/W/H)
Net Weight	3.6Kg

Standard Accessories

Remote Control	Red-green glasses	Optotype card	Hanging Bracket	AC-DC Adapter	Power Cable

Optional Accessories

Desk Support	Floor Stand

CE **FDA Approval**

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Details Make the **Difference**

Optometry Lift Table

AT-20

Specification

Table top size	560mm x 480mm
Table elevator height	630mm~810mm
Input	DC 100V-230V,50Hz/60Hz
Fuse	3A/250V
Weight	18KGS

OT-36

Specification

Table top size	550mm x 480mm
Table elevator height	680mm~840mm
Input	AC 110V/220V,50Hz/60Hz
Fuse	8A/250V
Weight	18KGS

COS-430

Specification

Table top size	890mm x 460mm
Table elevator height	700mm~900mm
Input	DC 100V-230V,50Hz/60Hz
Fuse	5A/250V
Weight	41KGS

* The table top is sliding.

OT-36C

Specification

Table top size	1120mm x 560mm
Table elevator height	680mm~840mm
Input	AC 110V/220V,50Hz/60Hz
Fuse	8A /250V
Weight	38KGS

Option
1. PC Box: 420mm x 200mm x 420mm
2. Bracket for Monitor

DK-30

Specification

Table top size	1180mm x 710mm
Table elevator height	690mm~890mm
Input	AC 110V/220V,50Hz/60Hz
Fuse	6A /250V
Weight	94KGS

Option
DK-20 Table top size	1170mm x 843mm

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