

GILRAS



m<sup>er</sup>ZER



USO  
US OPHTHALMIC



US Ophthalmic is globally dedicated to providing high-tech medical equipment to all eye care professionals, helping maximize the efficiency of all eye care professionals and ensuring the precision and reliability of the diagnostic process while contributing to improve the visual health of the entire population through the continuous improvement of the quality system.



Our objective is to research and provide high quality optical equipment and make it accessible to all eye care professionals globally.



Diagnostic

Diagnostic

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\*Information, prices and product availability is subject to change without notice.

# Digital Practice

The **EZER Digital Practice 5400** allows you to control all of your equipment remotely. You can examine the patient from the control console, without leaving your desk. At the same time, you are able to control the Ezer ECP-5400 projector and monitor that the patients are reading on the LCD console. As a result, you will be able to work comfortably from your desk, instead of standing for 8 hours beside the patient, operating the manual refractor and trial lenses. As a result, the different network options for configuring the digital practice provide greater efficiency in combining labor and equipment. With the digital practice network system, your auto refractor/keratometer (ERK-5400), digital refractor (EDR-5400) and chart projector (Ezer ECP-5400) are all connected, working and communicating together as one unit to improve office efficiency. The professional image that is generated by the impressive equipment design and its digital interface creates an impact on your patients, who will feel that the consultation has been of the highest quality.



## EZER Digital Practice 5400

- Increase your Profitability
- Improve quality of Life
- Efficiency
- Accuracy
- Impress your Patients
- Better image
- Friendly training
- Easy to use

Includes:  
ERK-5400  
EDR-5400  
ECP-5400

\*Price does not include refraction unit.

For even better performance use the EZER Digital Practice 5400 with the EDC-2600.



### EDC-2600

- Four astigmatic
- Clock dials
- Automatic calibration of charts
- Working distance: 2m~6.5m

US Ophthalmic's **Ezer Digital Practice 7800** is an all-inclusive refraction system that optimizes the refracting process to increase efficiency while getting superior results. This platform is much like today's technology-driven surgical laser procedures—its actions are dictated by you, but the precision performance is driven by cutting-edge technology. The Ezer Digital Practice 7800 is made up of three powerful devices— the ERK-7800 Autorefractor/Keratometer, the EDR-7800 Digital Refractor, and the ECP-5400 Chart Projector.



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# Digital & Manual Refractors

## EDR-7800

### Digital Refractor

Ezer's EDR-7800 Intuitive Digital Refractor has superior compatibility among Ezer products and has been re-engineered with faster, quieter motors to improve the speed and efficiency of the exam process. The slim compact design of the optical head virtually eliminates the tunnel vision effect that can be perceived from deeper designs.

#### Features:

- Accelerated Reboot
- Rapid Lens Change Conversion
- Reduced Operating Acoustics
- Dual Cross Cylinder Lens
- Ergonomic 8.0" Full Color Touch LCD Panel
- Tilt Panel & Screen Reversal
- Multi Function Jog Dial
- Compatible Connection to Various Systems
- Vertex Distance Check And Cornea Illumination
- Monocular PD Measurement
- Global Standard Chart
- Built in Printer
- Real-Time Guide
- Networking System



## EDR-5400

### Digital Refractor

With Ezer's EDR-5400 Digital Refractor, you can perform all of the functions you normally would in a manual refraction, but now you can do so while seated comfortably in a chair beside the patient.

Ezer EDR-5400 will seamlessly adapt to your practice with no additional investment required. The EDR-5400 communicates with pre-test equipment and EMR Systems to upload patient data as a refraction starting point, as well as save refraction results. The intuitive keypad controller is small enough to place on any work surface and can also be operated from a standing position with the touch of a single key. The EDR-5400 allows you to perform all refraction functions.

#### Features:

- Automatic PD control
- 6.4 Inch Full-Colored LCD Panel
- Tilting Monitor and Touch Screen
- Convergence for accuracy
- Convenient function key
- Networking System
- WIRELESS CONNECTION WITH THE ERK-5400 (TOUCHSCREEN)



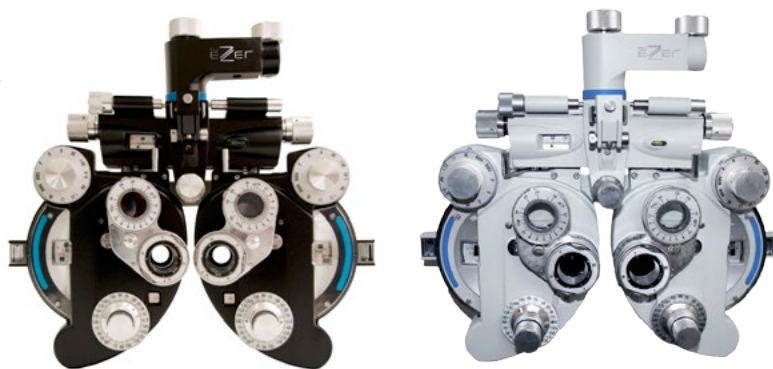
## ERF-3600

### Manual Refractor

The ERF-3600 offers precision excellence in any refractive setting. Its spherical power ranges from -19.00D to +16.75 in 0.25D steps (-29.00D to +26.75DS and  $\pm 0.12D$  steps with auxiliary lens). Cylindrical power ranges from 0 to -6.00D in 0.25D steps (0 to -8.00D with auxiliary lens). All of the lenses are coated in high-grade plated film to eliminate any glare or ghost images.

#### Features:

- Level adjustment
- Interpupillary Distance Adjustment
- Adjusting Sphere Power Readings
- Adjusting Cylinder Power and Axis
- Cross Cylinder ( $\pm 0.25$ )
- Corneal Aligning Device
- Convergence System



Available in Black and White

# Auto Refractor / Keratometers

## ERK-7800

### Auto Refractor / Keratometer

Confidently measure the human eye with a sophisticated, cutting edge technology designed to enhance your ability to diagnose ocular errors faster, easier, and accurately. Ezer's ERK-7800 is brilliantly designed technology measures the eye with ultra precision and speed to provide reliable data as the starting point of your refraction and contact lens fitting. Its compact and modern design enables seamless operation and enhanced patient comfort, making it the ideal choice for any ophthalmic practice. Backed by an industry leading 2-year warranty!

#### Features:

- Auto Refractor / Keratometer
- Enhanced Retro-illumination Imaging
- Accurate Measurement of Iris & Pupil Diameters
- Precise Temperature Sensor Compensation
- Enhanced Measuring Speed
- Comfortable Motorized Chin Rest
- Automatic High Speed Cutting Printer
- Simple One Touch Lock Knob
- Touch & Tilt Color Monitor Display
- Sophisticated TFT LCD Graphic User Interface
- Easy Network Capability
- Backed by an Industry Leading 2 Year Warranty!



## ERK-5400

### Auto Refractor / Keratometer

The ERK-5400 instantly reports the patient's assessed eye power by combining the auto refractor/keratometer functions into this one sharp instrument, making measurement a snap. Featuring European design and several specialty features, Ezer's ERK-5400 is a superb addition to eye care practice. With the ERK-5400 you can perform refractometry and keratometry alone or consecutively in a single mode. You can also measure corneal diameter and contact lens base curve. A temperature control chip and focusing control software ensure precise measurements every time. The ERK-5400 also features a 7-Inch Color LCD as well as an Internal Thermal Printer. Best of all, the ERK-5400 can communicate with your entire practice. Backed by an industry-leading 2 Year Warranty!

#### Features:

- Auto Refractor / Keratometer
- Enhanced Measurement of Corneal Diameters
- Wide Dioptric Measurement Range
- Focusing Control Software
- Retro Illumination Mode
- Temperature Control Chip
- Compact & Modern Design
- Communication Interface
- Touchscreen
- 7 Inch Colored Liquid Crystal Display
- Internal Thermal Printer
- Comfort and Easy Operation
- Easy Network Capability
- Backed by an Industry Leading 2 Year Warranty!



# Examination Chairs

## ERU-2600

### Motorized Chair

The ERU-2600 is an ophthalmological motorized chair that you can easily operate using the unit's built-in control panel. The ERU-2600 features an elevation system for the seat, backrest and legs—all of which are driven by extremely quiet, oil-free electric gear motors. Several positions can be achieved, including sitting upright, lying down at full tilt, and the intermediate positions of your choice. Best of all, this motorized exam chair is built to last, using durable yet attractive materials that are easy to clean and provide quiet, precisely controlled operation.

#### Simple One-Handed Operation

Chair control operations are performed by simple touch command buttons. Operators have complete control over elevation and tilt adjustments, all of which are triggered at the stylish control panel.

#### 180° Degree Tilt

The 180-Degree angle that you can achieve with the ERU-2600 makes this chair a favorite in eye care practices

#### Armrest Lock And Release

The chair's armrests lock in place and feature a release mechanism that allows for exit on either side of the chair.

#### Footswitch

When both hands are needed for exam procedures, you can raise, lower and recline the chair using an optional footswitch.



#### Auto Return

When both hands are needed for exam procedures, you can raise, lower and recline the chair using the footswitch.

#### Quality Materials And Construction

The internal structure of the ERU-2600 is composed of carbon steel SAE 1020 with surface treatment and epoxy paint. It also features a polystyrene finish that allows for easy cleaning. The chair is padded with a density-controlled injected foam that features a technologically advanced anti-deforming system. The attractive curved upholstery offers rounded corners and an anti-mold coat.

#### Manual Voltage Selection

The equipment is provided at 110/220V, with manual voltage selection.

## ERU-5200

### Motorized Chair

The ERU-5200 is an ophthalmological motorized chair that you can easily operate using the unit's built-in control panel. The ERU-5200 features an elevation system for the seat, backrest and legs—all of which are driven by extremely quiet, oil-free electric gear motors. Several positions can be achieved, including sitting upright, lying down, and the intermediate positions of your choice. Best of all, this motorized exam chair is built to last, using durable yet attractive materials that are easy to clean and provide quiet, precisely controlled operation.

#### Simple One-Handed Operation

Chair control operations are performed by simple touch command buttons. Operators have complete control over elevation and tilt adjustments, all of which are triggered at the stylish control panel.

#### 45° Degree Tilt

Maintain contact with the patient as he or she lies comfortably at as much as 45-degrees of tilt.

#### Ergonomically Designed Chair Positions

Whether in the seated or lying down position, both doctor and patient will appreciate the comfort and access that is possible with the ergonomically designed ERU-5200.

#### Articulating Headset

Another reason the ERU-5200 is a favorite in eye care settings is the articulated movements of the padded headrest that allow you to achieve the right angle for any procedure. The padded headrest also offers height adjustment.

#### Armrest Lock and Release

The chair's armrests lock in place and feature a release mechanism that allows for exit on either side of the chair.

#### Footswitch

When both hands are needed for exam procedures, you can raise, lower and recline the chair using an optional footswitch.



#### Auto Return

A one-touch "Back-to-Zero" button makes it possible to efficiently return the patient to the upright, seated position to facilitate his or her easy exit.

#### Quality Materials And Construction

The internal structure of the ERU-5200 is composed of carbon steel SAE 1020 with surface treatment and epoxy paint. It also features a polystyrene finish that allows for easy cleaning. The chair is padded with a density-controlled injected foam that features a technologically advanced anti-deforming system. The attractive curved upholstery offers rounded corners and an anti-mold coat.

#### Manual Voltage Selection

The equipment is provided at 110/220V, with manual voltage selection.





## ERU-2600 Stand

### Refraction Stand

#### Compact, Modern Design

This compact, yet adaptable, refraction unit is perfect for any doctor's office. It will easily meet all your requirements for a smooth day of testing.



#### Multiple Arms

The ERU-2600 stand supports two arms and a slit lamp table arm to minimize chair time and improve patient flow. In addition, an overhead lamp with a dimmer to adjust brightness and overall room illumination is part of the unit.



#### Charging Wells

Two charging wells are available to recharge hand-held instruments.



#### Full Control Panel

Easy access to a full control panel puts the ability to manage the different features right at the operator's fingertips. You can control the chair position and the overhead light intensity with a touch of a button.



# Slit Lamps



## ESL-5200 Slit Lamp



The ESL-5200 offers Haag-Streit tower illumination in a Cross-Angle Stereovision Converging Binocular Optical System. Features include two-step magnification (1x and 1.6x) plus two eyepieces (10x and 16x), a Hruby Lens Kit, reflecting mirrors, a tilt mechanism and four illumination filters.

### Features:

- Brightness control switch
- Hruby lens kit standard
- Accessory drawer
- Base Locking Screw
- Aperture and slit height control knob
- Single-handed elevation Joystick
- 3-Step Magnification Lamp

## ESL-2600 Slit Lamp



The ESL-2600 features tower illumination in a Cross-Angle Stereovision Converging Binocular Optical System. Two-step magnification with final magnification ratios equivalent to 10x and 16x. The ESL-2600 also can be equipped with a Goldman applanation tonometer.

### Features:

- Slit width control knob
- Aperture and slit height control knob
- Brightness control switch
- Horizontal mark
- Four Built-in Filters
- Slit height and aperture display window
- 2-Step Magnification Lamp

## ESL-1800 Slit Lamp



The ESL-1800 classic slit lamp design provides easy access for a thorough examination or contact lens fitting. The illumination system sits level with the observation system while a five-step magnification changer offers one of the best zoom ratios in its class (6x, 10x, 16x, 25x, and 40x).

### Features:

- Carl Zeiss Style Illumination System
- Compact Tabletop and Transformer
- Galilean Stereo Vision Converging Binocular Optical System
- Large Binocular Field Of View
- Rheostat Illumination Control
- Stereo Magnifying Angle
- 5-Step Magnification Lamp

## ESL-1200 Slit Lamp



The Ezer ESL-1200 Slit Lamp offers unsurpassed clarity and sharpness, while delivering crisp images and a wide field of view with excellent resolution. The ESL-1200 boasts a Carl Zeiss style level illumination system and an advanced Cross-Angle Stereovision Converging Binocular Optical System.

### Features:

- Carl Zeiss Style Level Illumination
- Cross-angle Stereovision Converging Binocular Optical System
- Red LED Fixation Light for Accurate Diopter Compensation
- Large Binocular Field of View for Pupil Distance Adjustment
- Three Built-in Illumination Pathway Filters
- 2-Step Magnification Lamp

## ESL-9000 Slit Lamp

With Ezer's ESL-9000, you don't only get an advanced Galilean converging optical system with outstanding magnification and field of view; you also will enjoy the countless benefits of outstanding image capture with Canon's 18 megapixel 450D SLR camera. The imaging unit easily and seamlessly attaches to this high-end slit lamp microscope.

You'll enjoy real-time dynamic display on the camera's 3-inch LCD under perfect lighting that you can precisely control. Designed in the traditional tower style configuration, the ESL-9000 offers a five-step revolving drum that allows for an easier exchange of the magnification levels than exchanging an eyepiece. Using the unit's Accessories Mount, the ESL-9000 can be equipped with a Goldman applanation tonometer as well as several other accessories.

The ESL-9000 also comes equipped with two reflecting mirrors, four built in filters, two fixation targets and a Hruby Lens Kit. If you're looking for more in a slit lamp, look no further than the well-equipped ESL-9000.

### Features:

- Galilean Converging Optical System
- Canon 450D Camera
- Real-Time Dynamic Display
- Background Illumination
- Joystick with Shutter Button
- Continuous Slit Height 1mm to 14mm/Continuous Slit Width 0mm to 14mm
- Six Available Aperture Diameters
- Slit Angle: 0° to 180° continuously adjustable from vertical to horizontal
- Continuous Slit Rotation, Plus Tilt Mechanism
- Four Built-in Filters
- Two Fixation Target Options
- 12.5x Eyepiece
- Hruby Lens Kit
- Two Reflecting Mirrors
- 5-Step Magnification Lamp



## ESL-7800 Slit Lamp

The ESL-7800 Slit Lamp is the highest quality slit lamp in Ezer's series. Designed in the traditional tower style configuration, the ESL-7800 offers specialized optics, greater magnification levels and wide field-of-view. It boasts an advanced Galilean Optical System and a five-step revolving drum that allows for an easier exchange of the magnification levels than exchanging an eyepiece.

### Magnification Select Dial

Five steps of magnification range from 6x to 40x without changing the eyepiece. Simply twist a single knob.

### Optic System

The optics in the ESL-7800 Slit Lamp are ideal for technologically advanced imaging systems. An optical beamsplitter featuring an "in-out" prism system allows maximum illumination to the practitioner during observation and likewise enables to digital and video imaging systems when these tools are in position. The dual port beamsplitter also allows an assistantscope to be attached.

### Features:

- Fixation target
- Hruby Lens Guid Plate
- Prism box
- Diffusion Lens
- Lamp Cap
- Aperture Slit Height and Display window
- Filter Selection level
- Reflection mirror
- Hruby Lens
- Slit with control knob
- Easy-to-reach tilt mechanism gonioscopy
- Dial-in, and continuously variable aperture setting from 10mm to 0.2mm
- Focusing fixation light is adjustable to each patient
- Hallogen illumination standard
- Base locking screw
- Applanation tonometer Optional accessories (additional purchase)
- 5-Step Magnification Lamp



## ESL-700 Portable Slit Lamp

Whether you're in the office or out on call, the Ezer ESL-700 Handheld Slit Lamp Microscope offers portability without sacrificing the quality of your exam. The unit's Binocular Optical System provides outstanding clarity in a lightweight portable design. A high luminance white LED provides incredible clarity as well as brightness control that can be easily adjusted. The ESL-700 also features three built-in Illumination Pathway Filters. The magnification and field of view that this device offers are likewise impressive.

### Features:

- Handheld Converging Binocular Optical System
- Impressive Field-of-View
- Three Built-in Illumination Pathway Filters
- Aperture Diameters 12mm, 5mm, 1mm, and 0.2mm
- Slit Angle:  $\pm 30^\circ$
- 10x Eyepiece (additional 16x Eyepiece is optional)
- 2-Step Magnification Lamp



# Digital Charts & Chart Projector

## EDC-2600

### Digital Chart

#### Vertical & Horizontal Line Isolation:

This feature will allow you to show patients exactly which line or letter you want them concentrate on, thereby providing you with more accurate results.

#### Fast And Silent Picture Loading:

Since the EDC-2600 software is based on a SD card, picture loading is extremely fast.

#### Features:

- The EDC-2600 19" Panel
- Features four astigmatic clock dials
- Automatic calibration of charts
- Working distance: 2m~6.5m



## ECP-5400

### Chart Projector

Ezer's ECP-5400 Chart Projector is a compact and lightweight, high-resolution ophthalmic projector that enhances any refracting environment.

The ECP-5400 adds the convenience of delivering eye charts to your patients via a programmable remote hand controller. Isolate letters on a vertical or horizontal line or individually. Combine the ECP-5400 with Ezer's other diagnostic instruments to form an Ezer Digital Practice and allow a full digital eye exam to be conducted from Pretest to Rx.

#### Features:

- Clear & Precise Projection Chart
- Enhanced Optical Power
- Convenient Fingertip Remote Operation
- Various and Flexible Chart Type
- Easy Network Capability



## EDL-3M

### 3 Mirror Lens

EDL-3M Provides adequate magnification and field of view in most every situation.



## EDL-20D

### 20 Diopter Lens

Ezer's 20 Diopter diagnostic lens with small holding ring, for non-contact examinations is the best choice for evaluating the posterior segment and retinal periphery.



## EDL-78D

### 78 Diopter Lens

78 Diopter diagnostic lens with small holding ring, for non-contact examinations.



## EDL-90D

### 90 Diopter Lens

90 Diopter diagnostic lens with small holding ring, for non-contact examinations.



## ET-900

### Refraction Table Telesto

Asymmetric design distributes weight evenly for maximum comfort and stability. Motorized vertical adjustment. Ample leg room ensures maximum patient comfort.

Available in 110V / 220V



## ET-800

### Double Electric Table

Adjustable base. Single table designed to support two instruments. Motorized height adjustment for maximum convenience. Storage compartment. Side support pillar maximizes leg room for increased patient comfort. Wheelchair Accessible.

Available in 110V / 220V



## ET-850

### Sliding Electric Table

Adjustable base. Large table top designed to easily accommodate two instruments. Supports up to 75kg. Extended height adjustment.

Available in 110V / 220V



## ET-185

### Electric Table

Motorized table to support 2 instruments. Ability to adjust height for maximum convenience. Tables can be adjusted higher than most standard tables. High-grade casters ensure safe and stable movement. Power table with connector for instruments. It has great stability thanks to a lower gravity center. Powerful motor.

Available in 110V / 220V

\*Long table sold separately



## ET-700

### Electric Table

Adjustable base. Single table designed to support one instrument. 2 Connections for accessories. Locking wheels. Wheelchair accessible.

Available in 110V / 220V



## ET-175

### Electric Table

Motorized height adjustment for maximum convenience. High-grade casters ensure safe and stable movement.

Available in 110V / 220V



# Medical Tables

## ET-4000

### 3 Instrument Table

This table offers with a wide leg room that makes it extremely stable and wheelchair accessible. This easy to operate high quality table optimizes space allowing for three instruments to be placed on the same station. It is made of durable materials and the latest technology so it operates very quietly. This table can be lowered to a minimum height of 61cm or raised up to a maximum height of 96cm.

#### Features:

- Durability
- Easy operation
- High quality
- Stability

Available in 110V / 220V



## ET-130

### Electric Table

The ET-130 electric table offers a rolling base, quiet up/down movements and an attractive design.

Available in 110V / 220V



## ET-150

### Sliding Electric Table

Adjustable base. Single table designed to support one instrument. 2 Connections for accessories. Locking wheels. Wheelchair accessible.

Available in 110V / 220V



## ET-160

### Electric Table

Adjustable base. Single table designed to support one instrument. 2 Connections for accessories. Locking wheels. Wheelchair accessible.

Available in 110V / 220V



## ET-140

### Electric Table

This attractive unit features excellent design with quiet, stable up/down movements.

Available in 110 / 220V





1 |



2 |



3 |



4 |



5 |



6 |



7 |



8 |



9 |

Item Number

Item Number

**1 | EST-86-Deluxe**

Medical stool with microfiber leather and stitching

**2 | EST-72**

Medical Stool

**3 | EST-18-Deluxe**

Medical Stool

**4 | EST-26-Deluxe**

Medical Stool

**5 | EST-36-Deluxe**

Medical Stool

**6 | EST-54**

Medical Stool

**7 | EST-90**

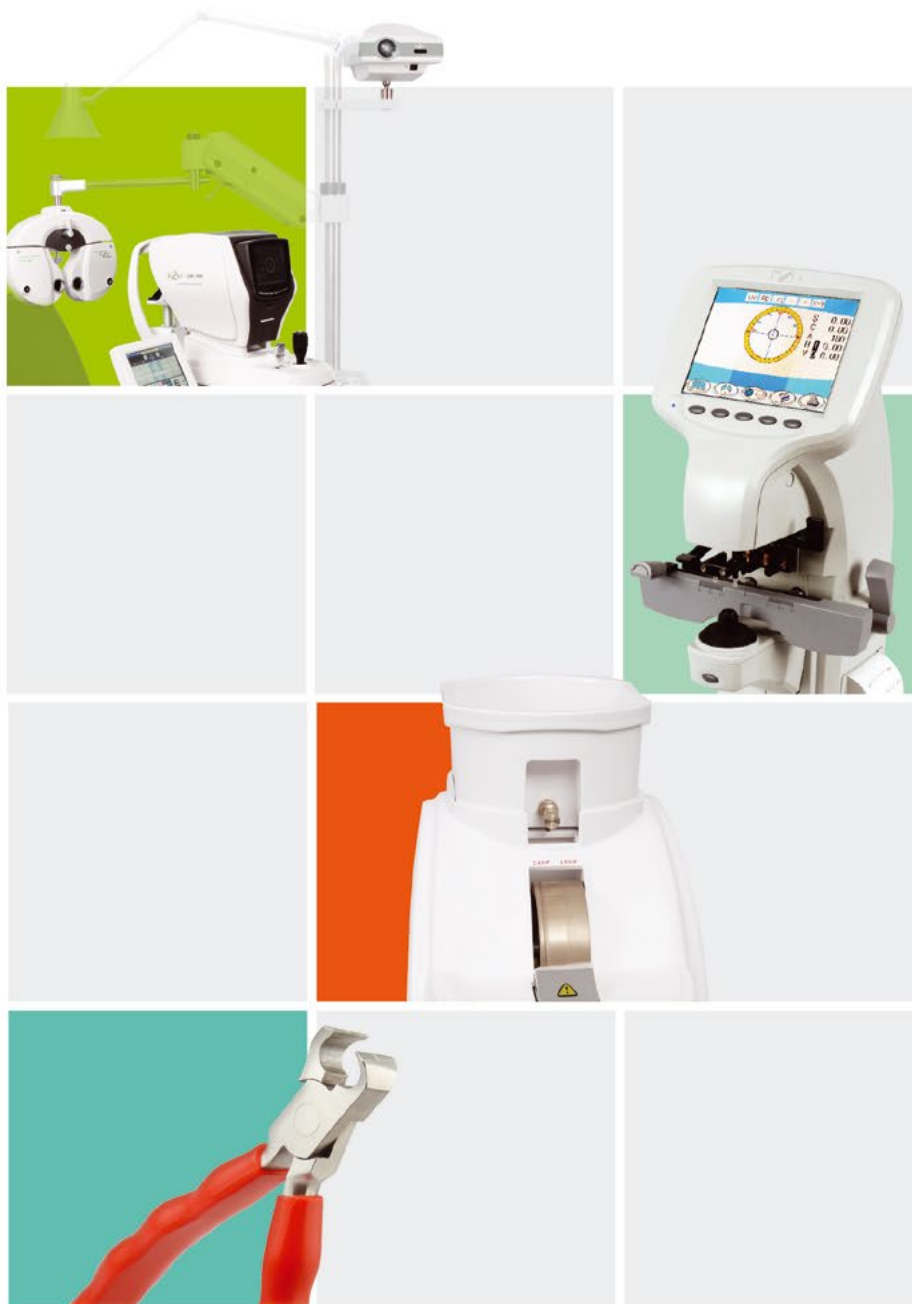
Medical Stool

**8 | EST-12**

Medical Stool

**9 | EST-12**

Medical Stool



CREATING NEW PERSPECTIVES  
THAT ENHANCE SIGHT TO IMPROVE LIFE!

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