



ESR-Series

Ophthalmic unit models



OPHTHALMOLOGY / ENT



ESR-2018



Features

Black color optional.
There is Android APP , you can install on the mobile , and use mobile to control the unit moving.

- 1) Toptable move up and down by motor
Toptable move left and right by motor
- 2) Phorofter move left and right by motor
- 3) Phorofter pole move up and down by motor
- 4) Chair move up and down by motor
Chair backrest adjust by motor
Chair move ahead and back by motor
- 5) There is the control panel on the unit to control above movement.

Technical Data.

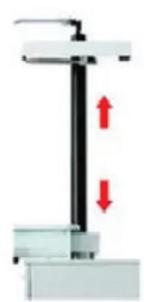
Unit size: 1200mm × 1300mm × 1800mm
 Table size: 850mm × 450mm
 Small table size: 620mm × 400mm
 Drawer size: 520mm × 350mm
 Control mode: film button / phone remote control / flat panel remote control
 Configuration equipment: computer refractometer / electric cattle eye / slit lamp / focus meter
 Table rotation angle: 90 °
 Countertop left and right movement distance: 400mm
 Countertop up and down distance: 150mm
 Column (cattle eye arm) left and right moving distance: 400mm
 Column (cattle eye arm) up and down distance: 120mm
 Chair left and right movement distance: 150mm
 Chair up and down distance: 150mm
 Chair back angle: 140 °
 Chair movement mode: pulley move (optional)
 Chair height: 700mm
 Chair loading ability: 250kg
 Lamp: LED (24V, 7W)
 Electric Voltage: AC220V / 110V 50 / 60HZ
 Weight: 200kg
 Packing: wooden box
 Packing size: 1000mm × 1200mm × 1300mm



Tablet Control System: besides operation panel, it can be controlled by Tablet.



Automatic moving phorofter arm: left and right.



Automatic table moving: left and right, up and down.



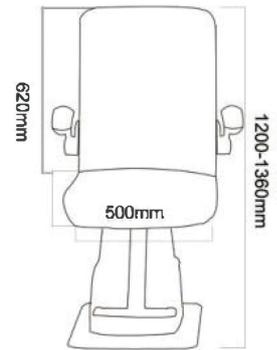
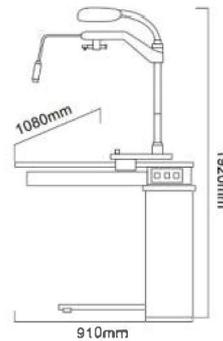
ESR-708B

Feature:

- Small sliding table for one products .
- Tabletop can rotate 90 degree
- Motorized chair , go up and down .
- Swiding arm can move up and down and rotate 90 degree
- With drawer for trial lens set

Technical Data

- Unit size 910*1080*1920mm
- Table size : 880*500*120mm
- Drawer size 530*370*60mm
- Arm movable range 300mm
- Tabletop rotation range 90 degree
- Chair lifting height 160mm
- Power of lamp 20W
- Input voltage AC 110v/220v 50/60Hz
- Weight 130kg


ESR-102A

Features

- Adopts Europe Style in Appearance Designing, Simple Structure, Good Performance, and Easy Operation.
- Hand-Operated Phoropter Arm Can Swing up and Down, Left and Right to Its Best Position, Which Shows The Human-Oriented Design of It.
- Worktable Provides With 90 Degrees' Rotation.
- Sliding Table to Accommodate Two Instruments.
- Table Instrument Voltage Selectable, 3V, 6V, 9V, 12V, and 24V (50W)
- Auxiliary 110V/220V Output Under Table
- Overhead Light and Table Voltages Are Variably Controlled Via Dimmer Switch
- The Comfortable Chair Can Smoothly Lift up and Down With Low Noise and Able to Bear Big Force.
- Choosing Suitable Styles According to Your Room.
- Can place two products on the table.
- The control panel with ophthalmoscope electrical outlet.

Specification
Mechanical Parameters

- Up/Down Angle of Swing Arm: $\pm 30^\circ$
- Table Size: 840mm \times 405mm
- Table Rotational Angle: 90°
- Table Sliding Movement: 330mm
- Angle of Rotation for Chair: $\pm 60^\circ$
- Lifting Height for Chair: 150~200mm
- Loading for Chair: 70 ~150kgs(Electric); 70 ~200kgs(Hydraulic)
- Lifting Height for Pillow: +150mm
- Backrest Obliquity: $90^\circ \sim 135^\circ$ Or 140°
- Input Voltage: 110V/220V AC 50Hz~60Hz
- Engine Power: 55W 24V DC(Electric); 160W 220V/110V AC(Hydraulic)
- Light Luminaire: 16W 110V/220V AV
- Fuse: 5A 250V AC
- Power Without Load: 1W
- Pressure Test: 2kv
- Main Wire: 10A 250V
- Working Mode: S1
- Working Temperature: $-30^\circ \sim +50^\circ$
- Relative Humidity: Less Than 90%
- Force of Pressing Key: 1~5n
- Cooling Mode: Nature Cooling
- Figure Size: 1400mm \times 1000mm \times 1990mm
- Weight: 175kgs

ESR-TCS550

Features

- Phoropter arm rotating
- Small top table tray rotating .
- When move away the top table tray aside, phoropter arm will come back to work automatic .
- With drawer under the table for trial lens set

Technical data

1. Table top size : 900WX 605D (mm)
2. Rotary tray size: 420*300mm for auto refractometer
3. Drawer size: 535*347*55mm for trial lens set
4. Rotary arm with electromagnetic lock , the rotation angle is 90°
5. Rotating angle of the tray is 180°
6. Tabetop lift range: 670-830mm
7. Voltage : 110/220V
8. LED headlamp: AC12V
9. Net weight: 80KG



ESR-300A



Specification

Mechanical Parameters

Left/Right angle of swing arm: $\pm 30^\circ$
 Angle of rotation for swing arm right-angle rack: 360°
 Angle of rotation for Table: 90°
 Slide-board Slippage Range: 500mm
 Lifting height for chair: 150~200mm
 Loading for chair: 70~150kgs

Electrical Parameters

Input voltage: 110V/220V AC 50HZ~60HZ
 Engine power: 55W 24VDC 40W 30VDC
 Light luminaire: 18W 250V
 Fuse: 5A 250V AC
 Power without load: 1W
 Pressure test: 2KV
 Main wire: 10A 250V
 Working mode: S1
 Working temperature: $-30^\circ \sim +50^\circ$
 Relative humidity: Less than 90%
 Force of pressing key: 1~5N
 Cooling mode: Nature cooling

Installation Dimension

Figure size: 1060mm \times 1000mm \times 950mm
 Weight: 210kgs

ESR-510B



Technical Data

it is small, with small table, and chair, it is suitable for small optometry room.
 ophthalmic unit chair and table.
 combined table.

Adopts Europe style in appearance designing, small and exquisite, can be used for small room.
 Hand-operated phoropter arm can swing up and down, left and right to its best position, which shows the human-oriented design of it.

Easy operation with a well positioned control panel.

The comfortable and beautiful chair can smoothly lift up and down with low noise and able to bear big force

Mechanical Parameters

Up/Down angle of swing arm: $\pm 30^\circ$
 Table size: 670mm \times 400mm
 Table rotational angle: 90°
 Lifting height for chair: 150~200mm
 Loading for chair: 70~150kgs

Electrical Parameters

Input voltage: 110V/220V AC 50Hz~60Hz
 Engine power: 55W 24V DC
 Light luminaire: 40W 110V/220V AV
 Fuse: 5A 250V AC
 Power without load: 1W
 Pressure test: 2KV
 Main wire: 10A 250V
 Working mode: S1
 Working temperature: $-30^\circ \sim +50^\circ$
 Relative humidity: Less than 90%
 Force of pressing key: 1~5N
 Cooling mode: Nature cooling

Installation Dimension

Figure size: 990mm \times 585mm \times 2110mm
 Weight: 120kgs