

Robust + Definite + Know-How = **RODEK**



RODEK

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Our company “achived a life of mankind” a human-centric business philosophy and corporate chair in 2004 as a manufacturer of eye unit was launched. A short history on the basis of creativity, but inside their own unit, the chair of the 100% localization success in the domestic market and overseas makets are sold to customer satisfaction. Continuous challenge for the future creation and the creative spirit to provide the best service you need to carve out a new future challenges and responsibilities that we are aware of rodek co., ltd.

To satisfy our customers based on the skills and passion for the highest quality and customer comfort and ease of use to develop products to prepare for tomorrow rather than the current best position to promise that effort. The company always happy with the customer to open the world will be a company. Thank you.

CEO Byeong Seon Eun

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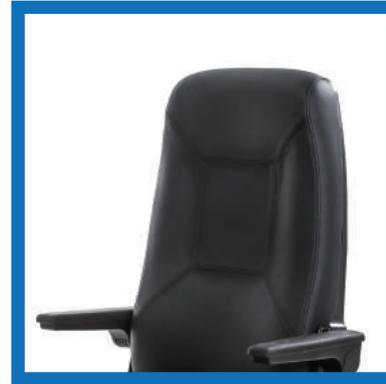
REFRACTION UNIT & CHAIR

- RT-13
- RT-15A / RT-15B
- RT-17A / RT-17B
- RX-2000
- RX-3000



REFRACTION TABLE

- RT-200
- RT-200S
- RT-300 / RT-300S
- RT-400 / RT-400S
- RT-500
- RT-13R



REFRACTION CHAIR

- RC-100
- RC-200
- RC-300
- RC-400
- RC-500



ETC

- Bluetooth Remote Control
- Foot Switch
- Safety Switch
- Phoropter Arm
(Auto, Manual, Classic)



RT-13

1- Instrument Refraction Unit & Chair

As compact design, optimized unit table to make better use the space for Refkeratometers, Phorofter, and Chart Projector.

Specification(mm)

Unit Table	External Dimension	1200(W)*1700(D)*1750(H)
	Table Size	1070*490
	Table Height	840
	Rated Voltage	AC110 or 230V / 50 or 60Hz
	Power Consumption	200VA
	Drawer Size	545(W)*330(D)*55(H)
	Allowable Loading Weight of Table	30kg
	Product Weight	125kg
Chair	External Dimension	620(W)*650(D)*1050(H)
	Seat Height	Min.450 ~ Max.700
	Up & Down Speed	15mm/sec
	Allowable Loading Weight of Chair	150kg
	Product Weight	35kg
Total Product Weight (Unit + Chair)		160kg

FEATURE



The table rotates 90 degrees and the ophthalmic pad on the table is movable left and right.

The patient has convenient access to movable tables and left and right of the rotation structure of a Ref/kerato Meters bed equipped with convenient in a post-modern examination provides an environment.



Rotation of Phoropter Arm

The auto arm function makes the Phoropter test easier.



LED Lamp & Hanger

Select short distance LED lamp and it make minimizing power consumption and secure semi-permanent durability. It looks clean because there is the cover which can arrange phoropter's power cables and other lines.



Control Panel & USB Port

There is Control Panel with easy operation and USB Port which can be charged with smart phone of Tablet PC for management checking data.

Multiple-Choice Design

You may choose it both left wheel type and right wheel type depends on characteristics of Doctor's office.

Low Noise Unit Chair

Patient's concentration could be improved by minimizing the motor noise that is occurring while left/right movement of Phoropter or Up/Down movement of the chair.

RT-15

2-Instruments Refraction Unit & Chair

The Unit supports 2 instruments on a rotatable sliding table.
 Possible to tilt seat back, rotate the armrest, and seat.
 Also, it is able to make to lowest location of chairs as one touch.
 This is the Unit Chair of ergonomic design that enables to take treatment
 one-stop including eye testing through Phoropter.
 You may purchase it both left wheel type and right wheel type
 depends on characteristics of Doctor's office.
 You can select one of five different chairs.



RT-15A

RT-15B

Specification(mm)

Unit Table	External Dimension	1400(W)*1150(D)*1750(H)
	Swing & Sliding Table Size	870*440 or 870*420
	Table Height	800 or 850 or 900
	Rated Voltage	AC110 or 230V / 50 or 60Hz
	Power Consumption	260VA
	Table Rotation Angle & Slide stroke	90°, 360mm
	Phoropter Hanger Up/Down Stroke & Speed	200mm, 15mm/sec
	Allowable Loading Weight of Swing & Slide Table	30kg
Chair	Product Weight	130kg
	External Dimension	650(W)*900(D)*1230(H)
	Seat Height	Min.490 ~ Max.740
	Up/Down Stroke & Speed	250mm, 20mm/sec
	Allowable Loading Weight of Chair	160kg
Product Weight		52kg
Total Product Weight (Unit + Chair)		182kg

FEATURE



2-Instruments on the Table



Swing & Slide Table



Control Panel (RT-15A)

Able to control functions of unit chair as central control system.



Control Panel (RT-15B)

Able to control functions of unit chair as central control system.



The most convenient ergonomic chair

Used environment-friendly material and improved convenience of medical treatment with ergonomic design that is including tilting function of seat, rotation function of armrest and seat.
(Refer the specification of RC-500)

2 Seat color

BLACK

BLUE



Slide Chair(RT-15B)

The unit chair can move forward or backward by pushing down the foot pedal.

Compatibility and Others

By adding Free Voltage Function with slit lamp power supply, all manufacture's slit lamp can be equipped.
Able to equip with CP for monitor of video display and for eyesight test of the slit lamp.



Rotation of Phoropter Arm

Auto-arm function which can install the Phoropter for the patient's eye examination is able to be one-stop Clinic.

RT-15A : Auto or Manual Arm
RT-15B : Classic Arm



Charger Installation

Able to charge the various kinds of battery type handle such as Retino of Microscope.

Chargeable model

WelchAllyn, Neits, Keeler, Heine



RT-17

1-Instrument Refraction Unit & Chair

It is a compact product that enables effective ophthalmologic examination in a narrow space.

Specification(mm)

Unit Table	External Dimension	900(W)*1370(D)*1750(H)
	Table Size	900*420
	Table Height	780
	Rated Voltage	AC110 or 230V / 50 or 60Hz
	Power Consumption	200VA
	Table Rotation Angle	90°
	Drawer Size	546(W)*350(D)*55(H)
	Allowable Loading Weight of Swing Table	20kg
	Product Weight	RT-17A : 77kg / RT-17B : 84kg
Chair	External Dimension	460(W)*490(D)*870(H)
	Seat Height	Min.420 ~ Max.670
	Up/Down Stroke & Speed	250mm, 15mm/sec
	Allowable Loading Weight of Chair	150kg
	Product Weight	18kg
Total Product Weight (Unit + Chair)		RT-17A : 95kg / RT-17B : 102kg

FEATURE



The Table Rotates 90 Degrees

It is easy to access the test subject by attaching a table with a rotating structure.



Re/Keratometer Table

Especially designed to improve user's convenience of maximizing the space utilization. Enables users to block the interference of Re/Keratometer with phoropter in small space by simply turning aside this table equipped with Re/Keratometer.



Control Panel & USB Port

There is Control Panel with easy operation and USB Port which can be charged with smart phone or Tablet PC for management checking data. (The blue buttons are only for auto-arm selection.)



Table Switch

Able to control functions of unit chair as central control system. (The blue buttons are only for auto-arm selection.)



LED Lamp & Hanger

Select short distance LED lamp and it make minimizing power consumption and secure semi-permanent durability. It looks clean because there is the cover which can arrange phoropter's power cables and other lines.



Rotation of Phoropter Arm

The auto arm function makes the Phoropter test easier.

RT-17A : Auto or Manual Arm
RT-17B : Classic Arm

Multiple-Choice Design

You may choose it both left wheel type and right wheel type depends on characteristics of Doctor's office.

Two-way side drawer

You can choose the direction of the drawer depending on your treatment environment.

RX-2000

1-Instrument Refraction Unit & Chair

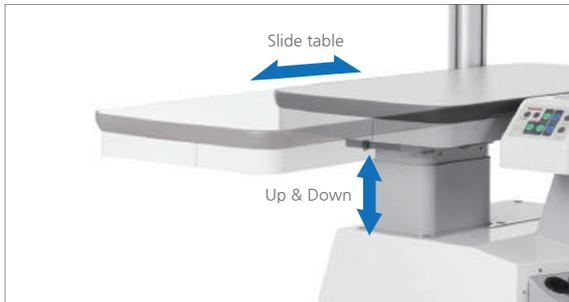
This simple design make more refined atmosphere of the doctor's office. It is very convenient to adjust height of chair and slide table at the same time. And possible to purchase it both left wheel type and right wheel type depends on characteristics of Doctor's office.



Specification(mm)

Unit Table	External Dimension	1400(W)*2400(D)*2000(H)
	Slide Table Size	830*440
	Table Height	Min.750 ~ Max.915
	Up & Down Speed	25mm/sec
	Table Sliding Stroke	500
	Allowable Loading Weight of Slide Table	30kg
	Drawer Size	478(W)*533(D)*65(H)
	Rated Voltage	AC110 or 230V / 50 or 60Hz
Chair	External Dimension	620(W)*780(D)*1080(H)
	Seat Height	Min.480 ~ Max.730
	Up & Down Speed	20mm/sec
	Allowable Loading Weight of Chair	150kg
	Product Weight	50kg
Total Product Weight (Unit + Chair)		215kg

FEATURE



Slide Table

Convenient to use the slide table due to selection of one-touch unlocking device. As slide way, doctor's movements to a shorter and required for adjustable height of the table by the doctor can help reduce fatigue.



Control Panel

Able to control all functions of unit chair as central control system and supply a storage space.



LED Lamp & C/P Installation

No dazzling & minimizing power consumption and semi- permanent durability by using LED lamp. Able to equip with CP for monitor of video display and for eyesight test of the slit lamp.



Charger Installation

Able to charge the various kinds of battery type handle such as Retino of Microscope.

Chargeable model

WelchAllyn, Neits, Keeler, Heine



Foot Switch

Able to adjust the height of chair as well as control panel.

Compatibility and Selective Design

By adding Free Voltage function with slit lamp power supply, all manufacturer's slit lamp can be equipped.

RX-3000

1-Instrument Refraction Unit & Chair

Possible to tilt seat back, rotate the headrest, armrest, and seat. Also, it is able to make to lowest location of chairs as one touch. This is the Unit Chair of ergonomic design that enables to take treatment as one-stop including eye testing through Phoropter. You may purchase it both left wheel type and right wheel type depends on characteristics of Doctor's office.



Specification(mm)		
Unit Table	External Dimension	1400(W)*1600(D)*2000(H)
	Slide Table Size	870*393
	Table Height	Min.700~Max.865
	Up & Down Speed	25mm/sec
	Table Sliding Stroke	500
	Allowable Loading Weight of Table	30kg
	Drawer Size	470(W)*387(D)*55(H)
	Rated Voltage	AC110 or 230V / 50 or 60Hz
	Power Consumption	250VA
	Product Weight	130kg
Chair	External Dimension	640(W)*960(D)*1220(H)
	Seat Height	Min.500~Max.830
	Up & Down Speed	15mm/sec
	Seat Reclining Angle	110° ~ 170°
	Headrest Reclining Angle / Stroke	90° / 150mm
	Rotation Chair / Armrest Angle	350° / 90°
	Allowable Loading Weight of Chair	150kg
	Product Weight	90kg
Total Product Weight (Unit + Chair)		220kg

FEATURE



Slide Table

Able to operate Up & Down of slide table and On/Off of indoor lamp of clinic room. Also it is able to increase the clinic's convenience with automatic function that can integrate with table.



Control Panel

Able to control all functions of unit chair as central control system and very convenient to use slide table due to selection of one-touch unlocking device.



Electric Chair with most convenient

Used environment-friendly material and improved convenience of medical treatment with ergonomic design that is including tilting function of seat, rotation function of headrest, armrest, and seat.
(Refer the specification of RC-300)



Rotation of Phoropter Arm

Auto-Arm function which can install the Phoropter for the patient's eye examination is able to be one-stop Clinic.



Charger Installation

Able to charge the various kinds of battery type handle such as Retino or Micro Scope.

Chargeable model

WelchAllyn / Neits / Keeler / Heine



Foot Switch

Able to adjust the height of chair as well as control panel.



Storage Space

Very convenient to use the Phoropter due to storage space of Trial Lens.

Compatibility and Others

By adding Free Voltage function with slit lamp power supply, all manufacture's slit lamp can be equipped. Able to equip with CP for monitor of video display and for eyesight test of the slit lamp.

RT-200

Refraction Table

Economic & simple design table as refraction table only with less motor noise as well as speedy up/down.

Specification(mm)	
Table External Dimension	555(W)*485(D)*670(H)
Table Size	555*485
Table Height	Min.670 ~ Max.970
Table Up & Down Speed	25mm/sec
Allowable Loading Weight of Table	60kg
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	40VA
Product Weight	22kg



RT-200S

Refraction Table

Possible to use table switch and foot switch dually as table for slit lamp only. It is also simple design and high speed of up/down and less motor noise.

Specification(mm)	
Table External Dimension	600(W)*575(D)*660(H)
Table Size	600*380
Table Height	Min.660 ~ Max.960
Table Up & Down Speed	25mm/sec
Allowable Loading Weight of Table	60kg
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	70VA
Foot Switch	Optional
Product Weight	21kg



RT-300

Refraction Table

As table for big volume equipment relatively such as Fundus Camera and OCT, High speed up/down and less motor noise and has tray of storage space for HDD of PC. Also, it is possible to use table switch & foot switch dually.

Specification(mm)	
Table External Dimension	850(W)*595(D)*660(H)
Table Size	850*595
Computer Case Size	210(W)*530(D)*470(H)
Table Height	Min.660 ~ Max.960
Table Up & Down Speed	25mm/sec
Allowable Loading Weight of Table	60kg
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	70VA
Foot Switch	Optional
Product weight	33kg



RT-300S

Refraction Table

As table for big volume's equipment relatively such as Retinal Camera and OCT, High speed up/down and less motor noise and has tray of storage space for HDD of PC, key board tray and monitor arm.

Specification(mm)	
Table External Dimension	750(W)*550(D)*1056(H)
Table Size	750*550
Computer Case Size	210 or 140(W)*570(D)*460(H)
Table Height	Min.670 ~ Max.970
Table Up/Down Speed	25mm/sec
Allowable Loading Weight of Table	60kg
Keyboard Tray Size	470(W)*168(D)*20(H)
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	70VA
Product Weight	43kg

RT-400

3-Instruments Refraction Table

Possible to set three testing equipment and use it without electric chair from child to tall adults due to adjusting table height.

Also, it is very easy to test for wheel-chair patient.



Specification(mm)

Table External Dimension	1500(W)*650(D)*660(H)
Table Size	1500*640
Table Height	Min.660 ~ Max.910
Table Up & Down Speed	250mm, 10mm/sec(Full Load)
Allowable Loading Weight of Table	90kg
Rated Voltage	230V / 50 or 60Hz
Power Consumption	400VA
Product Weight	45kg

Ref/kerato Meters

The electrical outlet is equipped with power supply in a convenient location of the testing equipment to install it on the table.

Safety Switch

Able to avoid conflict of between patients and table with a built-in safety switch on lower table.

Power Outlet(Socket)

Able to install the power socket selectively, according to the position of power socket to the region and can be installed position to the left or right.

RT-400S

2-Instruments Refraction Table

Possible to set two testing equipment and use it without electric chair from child to tall adults due to adjusting table height. Also, it is very easy to test for wheel-chair patient.



Specification(mm)

Table External Dimension	915(W)*590(D)*660(H)
Table Size	915*480
Table Height	Min.660 ~ Max.910
Table Up & Down Speed	250mm, 10mm/sec(Full Load)
Allowable Loading Weight of Table	90kg
Rated Voltage	230V / 50 or 60Hz
Power Consumption	400VA
Product Weight	36.5kg

Ref/kerato Meters

The electrical outlet is equipped with power supply in a convenient location of the testing equipment to install it on the table.

Safety Switch

Able to avoid conflict of between patients and table with a built-in safety switch on lower table.

Power Outlet(Socket)

Able to install the power socket selectively, according to the position of power socket to the region and can be installed position to the left or right.

RT-500

1-Instrument Refraction Table

Available for the combination with various examination instruments, especially optimized for Slit Lamp. As well, PC console box or Monitor can be added to this according to needs.



Specification(mm)

Table External Dimension	1200(W)*530(D)*1090(H)
Table Size	1100*530
Table Height	Min.670 ~ Max.920
Table Up & Down Speed	250mm, 20mm/sec
Allowable Loading Weight of Table	80kg
Computer Case Size	190(W)*505(D)*430(H)
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	120VA
Product Weight	60kg

Designed to provide convenient access of the wheel-chaired.
Much better to combine with RC-400 chair.
Slit lamp of all brand can be mounted to.

RT-13R

Phoropter Table

This is the Table for Phoropter's testing only. It is convenient to use cramped space due to adjusting the table height. It make easy for not only adults but children to be examined.



Specification(mm)

Table External Dimension	720(W)*590(D)*1500(H)
Table Size	720*590
Table Height	Min.600 ~ Max.900
Table Up & Down Speed	25mm/sec
Allowable Loading Weight of Table	40kg
Drawer Size	467(W)*346(D)*60(H)
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	70VA
Product Weight	57kg



Trial Lens Case

Very convenient to use the Phoropter due to storage space of Trial Lens.

RC-100

Refraction Chair

It is very convenient for optical shop and as eye clinic to use due to low height of back seat. Also it removes the inconvenience when child is eye testing.



Specification(mm)	
Chair External Dimension	620(W)*650(D)*1050(H)
Seat Height	Min.450 ~ Max.700
Up/Down Stroke & Speed	250mm, 15mm/sec
Allowable Loading Weight of Chair	150kg
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	100VA
Product Weight	35kg

RC-200

Refraction Chair

Suitable to use both slit lamp testing and eye testing room of eye clinic and possible to equip with footrest.



Specification(mm)	
Chair External Dimension	620(W)*780(D)*1080(H)
Seat Height	Min.480 ~ Max.730
Up/Down Stroke & Speed	250mm, 20 mm/sec
Allowable Loading Weight of Chair	160kg
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	150VA
Product Weight	41kg

RC-400

Refraction Chair

This chair is the functional chair with minimal size that could be used at even a very small space.



Specification(mm)	
Chair External Dimension	460(W)*490(D)*870(H)
Chair Seat Height	Min.420 ~ Max.670
Up/Down Stroke & Speed	250mm, 15mm/sec
Allowable Loading Weight of Chair	150kg
Product Weight	18kg

*Purchase only with unit table.



RC-500

Refraction Recline Chair

With a tilt function and a rotation function, it is easy to operate and provides quiet operation and stability.

Specification(mm)

Chair External Dimension	650(W)*900(D)*1230(H)
Seat Height	Min.490 ~ Max.740
Chair Up/Down Stroke & Speed	250mm, 20mm/sec
Chair Reclining Angle(Manual)	100° ~ 150°
Chair Rotation Angle	170° or 350° (Optional)
Armrest Rotation Angle	90° (Manual)
Allowable Loading Weight of Chair	160kg
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	150VA
Product Weight	52kg

Rotation of seat

Sanitary & outstanding due to using synthetic leather which is harmless to humans, a waterproof material and excellent durability.

Rotation of armrest

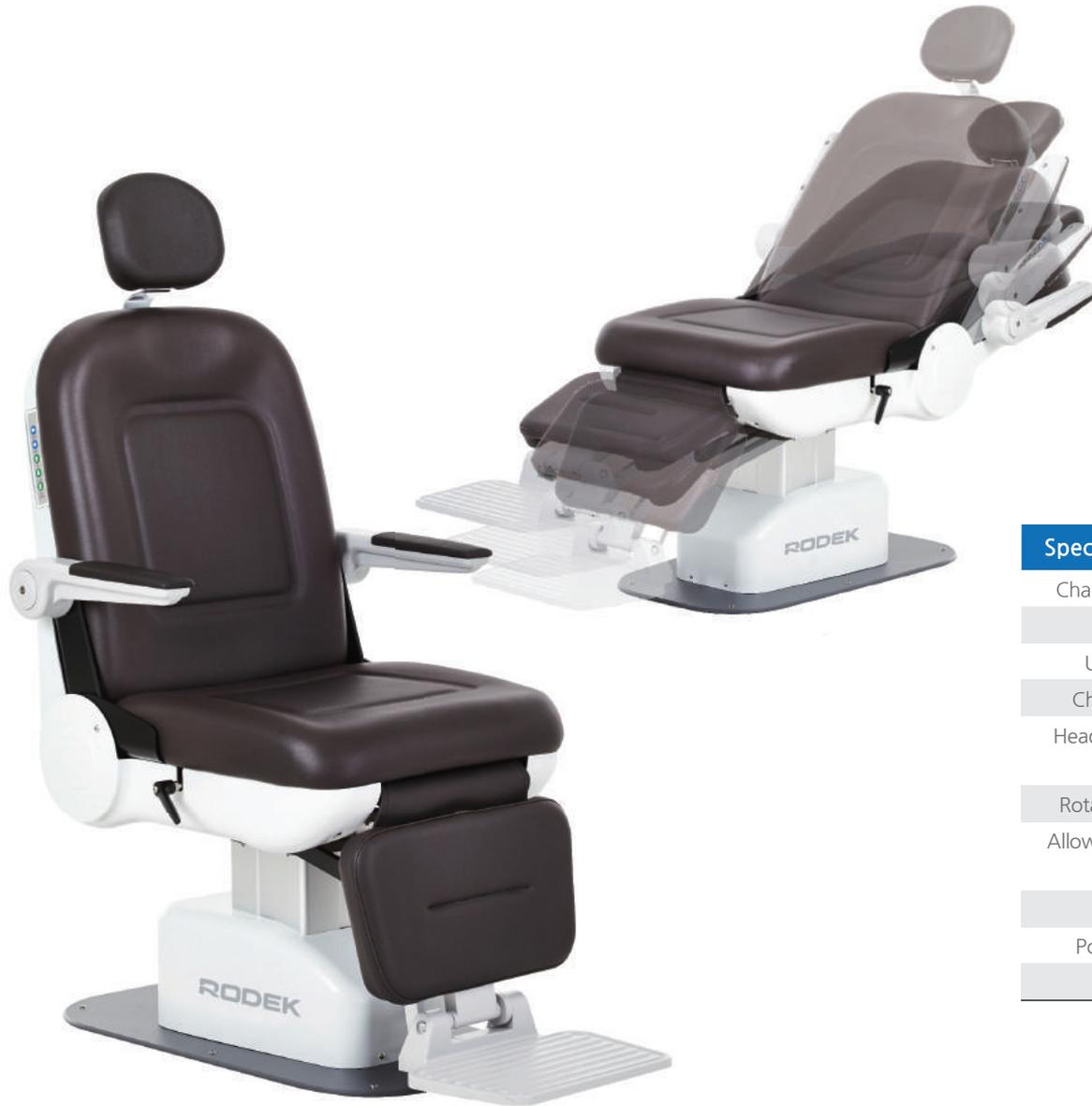
Due to rotation function of chair seat and armrest, wheelchair patient and the disabled people are easy to access.

Tilt of back seat & Up & Down

Secure the function with tilt the back of seat, which can be treated a patient who laid down the chair, and which is big stroke with largest height.

2 Seat color





RC-300

Refraction Recline Chair

Provides ergonomic design and the use of eco, and high-functioning with the chairs combine the simple design of a quiet, smooth motion using an electric motor.

Specification(mm)

Chair External Dimension	640(W)*960(D)*1250(H)
Seat Height	Min.500 ~ Max.830
Up & Down Speed	15mm/sec
Chair Reclining Angle	110° ~ 170°
Headrest Reclining Angle / Stroke	90° / 150mm
Rotation Chair / Armrest	350° / 90°(manual)
Allowable Loading Weight of Chair	150kg
Rated Voltage	AC110 or 230V / 50 or 60Hz
Power Consumption	120VA
Product Weight	90kg

FEATURE



Rotation of seat

Sanitary & outstanding due to using synthetic leather which is harmless to humans, a waterproof material and excellent durability.



Rotation of armrest

Due to rotation function of chair seat and armrest, wheelchair patient and the disabled people are easy to access.



Tilt of back seat & Up & Down

Secure the function with tilt the back of seat, which can be treated a patient who laid down the chair, and which is big stroke with largest height.



Headrest Tilt

Minimize the inconvenience causing patient's sitting height at the time of eye test and eye drops.



Control Panel

All functions of chair can be controlled by central control system. It is also used with foot switch dually.

ETC

Accessories



Phoropter Arm (Auto Type)

Auto-Arm function which can install the Phoropter for the patient's eye examination is able to be one-stop Clinic.

Applicable Model
RT-15A / RT-17A



Phoropter Arm (Manual Type)

Manual-Arm function which can install the Phoropter for the patient's eye examination is able to be smart.

Applicable Model
RT-15A / RT-17A



Phoropter Arm (Classic Type)

Classic-Arm function which can install the Phoropter for the patient's eye examination is able to be smart.

Applicable Model
RT-15B / RT-17B / RT-13R



Foot Switch

Able to adjust the height of chair as well as control panel.

Applicable Model
RX-2000 / RX-3000 / RT-200S / RT-300 / RC-100
RC-200 / RC-300 / RC-500



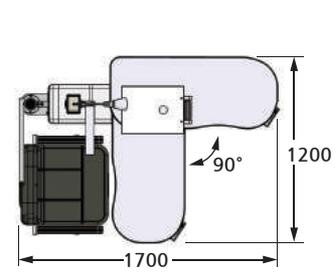
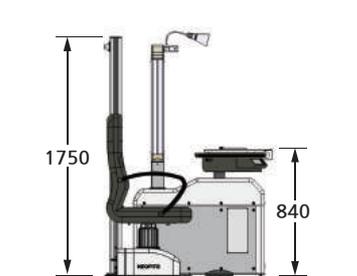
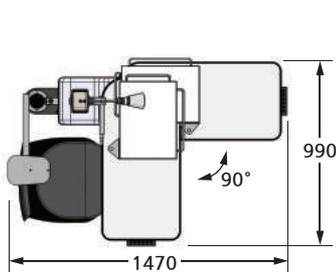
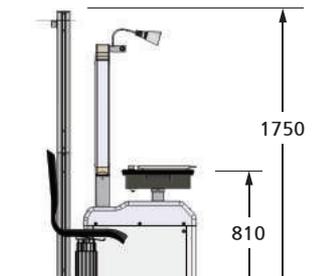
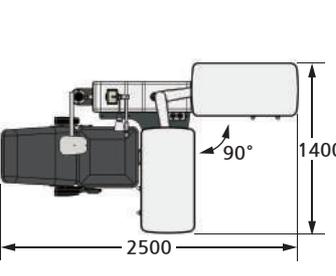
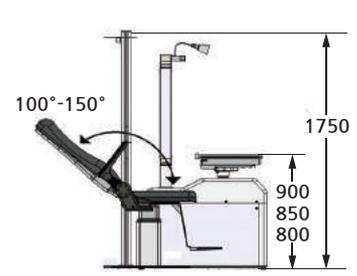
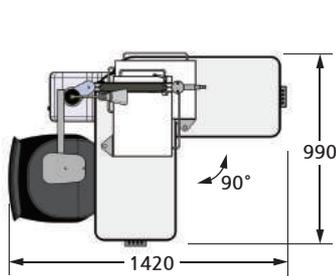
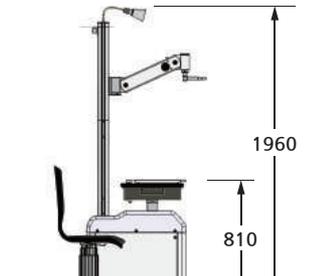
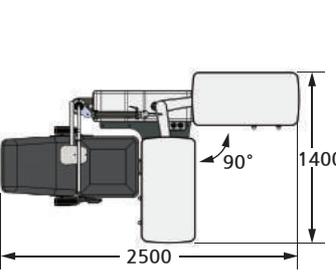
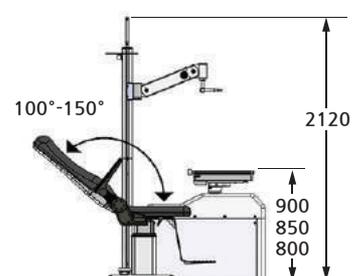
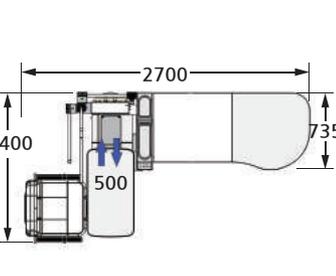
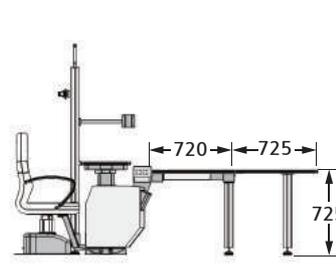
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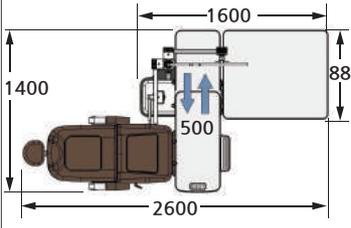
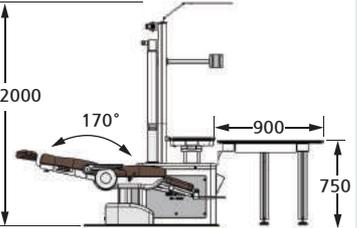
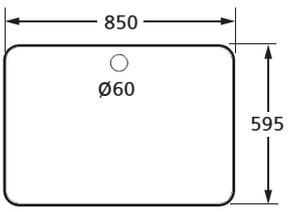
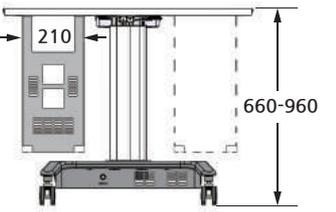
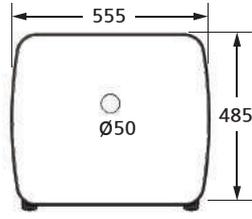
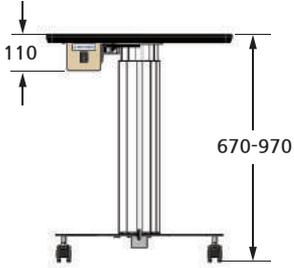
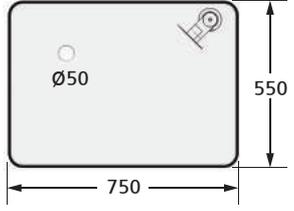
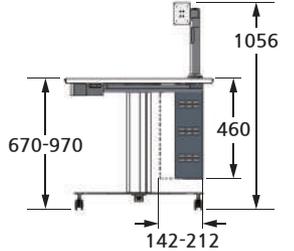
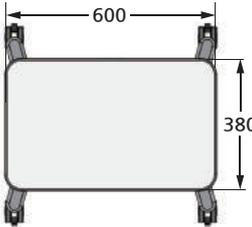
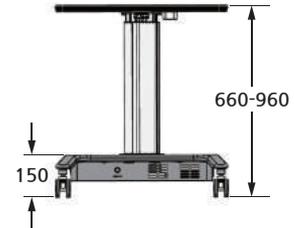
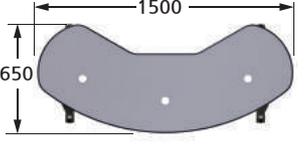
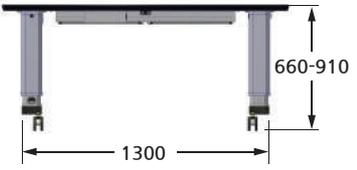
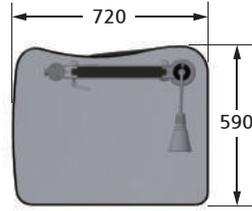
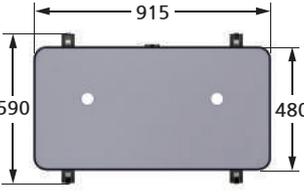
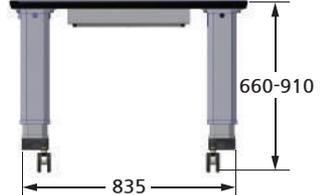
Able to avoid conflict of between patients and table with a built-in safety on lower table.

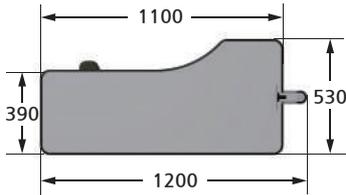
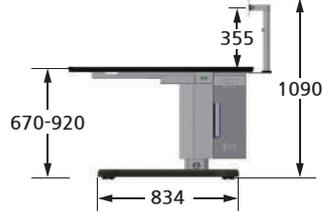
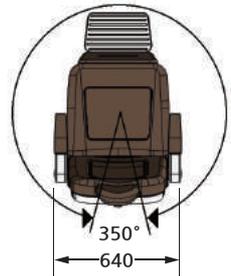
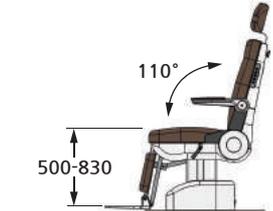
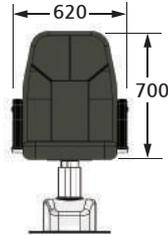
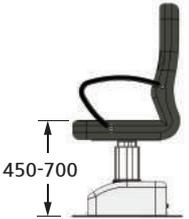
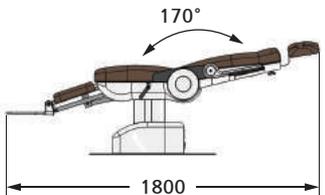
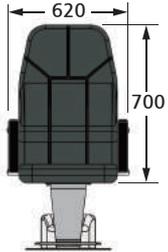
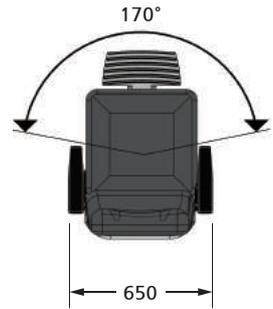
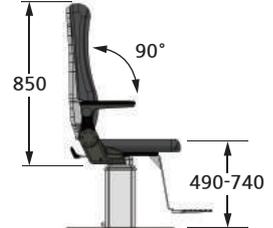
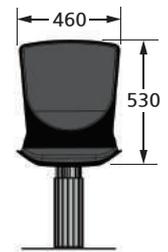
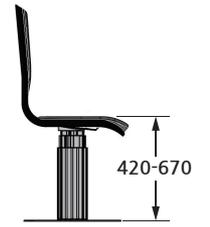
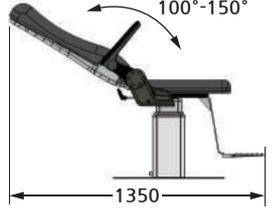
Applicable Model
RT-13 / RT-15A / RT-15B / RT17A / RT-17B
RX-2000 / RX-3000 / RT-13R

Dimension

Refraction Unit & Table / Refraction table / Refraction Chair

Product	Top	Side	Product	Top	Side
RT-13			RT-17A		
RT-15A			RT-17B		
RT-15B			RX-2000		

Product	Top	Side	Product	Top	Side
RX-3000			RT-300		
RT-200			RT-300S		
RT-200S			RT-400		
RT-13R			RT-400S		

Product	Top	Side	Product	Top	Side
RT-500			RC-300		
RC-100					
RC-200			RC-500		
RC-400					

RODEK



ISO 9001 / 14001



ISO 13485
LL-C (Certification)

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