

CULTIVATE DREAM AND EXPLORE BEST

Only think about the Wellness and the Happiness of User's.
With the corporate value of "Achieving a Healthful Life",
Incessantly exploring the innovative ophthalmic unit designs up from
Korea Best to World Best.

ROBUST

DEFINITE

KNOW HOW

RODEK

REFRACTION UNIT LEADER

Rodek was established in 2004 as a manufacturer of ophthalmic Unit & Chairs under a business slogan of realization the wellness of mankind into a life through the human-centered management.

THROUGH OUR BUSINESS CAREER,

a success in 100% domesticating the manufacture of Unit & Chairs got us a foothold for sales in local and global market. We are not satisfying with this kind of fruit and continuously striving for customer satisfaction.

As well, **WE ACKNOWLEDGE** that we have an obligation to explore new future of providing the best quality service with our incessant challenge and creativity.

WE PROMISE to do our best in delivering the best quality and the most convenience to use of customers on the basis of customer satisfaction orientated technology and passion with a stance of preparing tomorrow rather than the present.

We will always **ACCOMPANY YOU** as a company that delivers happiness to our customers.

CEO & President | EUN, BYEONG SEON



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RODEK

RT-13

I Instrument Refraction Unit&Chair

As compact design, optimized unit table to make better use the space for Ref/Keratometers, Phoropter, and Chart Projector.



Specification(mm)

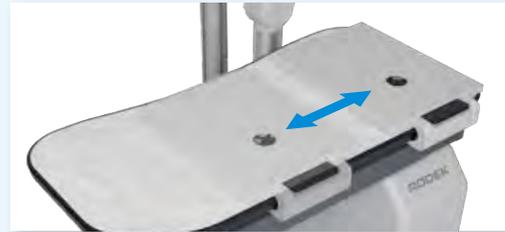
Unit Table	External Dimension	1100(W) x 1630(D) x 1750(H)
	Table Size	920 x 440
	Table Height	860
	Rated Voltage	AC 110 or 230V / 50 or 60Hz
	Power Consumption	200VA
	Drawer Size	547(W) x 358(D) x 53(H)
	Allowable Loading Weight of Table	30kg
	Net Weight	105kg
Chair (RC-100)	External Dimension	640(W) x 650(D) x 1050(H)
	Seat Height	Min.450 ~ Max.700
	Up/Down Stroke&speed	250mm, 15mm/sec
	Allowable Loading Weight of Chair	150kg
	Net Weight	35kg
Total Net Weight (Unit+Chair)		140kg

RODEK

Feature



The table rotates 90 degrees and the sliding bed for ARK is movable left and right



Sliding bed for ARK

The movable table as well as the left and right sliding bed of the ARK provide convenient patient access and comfortable examination environment.



LED Lamp & Hanger

Minimize power consumption by adopting LED lamp.



Phoropter Arm

The auto arm function makes the phoropter test easier
Optional : Up&Down(stroke 200mm) function is available for the RT-13&RT-15 only



Console

There is Console with easy operation.



Storage Space

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

Right Handed Type and Left Handed Type : Customer may select both right handed type and left handed type according to Doctor's preference.

Applicable Chair

RC-100, 200, 400, 500

RT-15 (A&B)

2 Instruments Refraction Unit&Chair



RT-15A ▲

RT-15B ►

This Unit supports 2 instruments(ARK & Slit Lamp)in the rotating & Sliding table and it is possible to be loaded 30kg as maximum. 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 make examination one-stop including eye testing through phoropter.

Specification(mm)

Unit Table	External Dimension	1320(W) x 1845(D) x 1750(H)-A 1240(W) x 1800(D) x 2150(H)-B
	Table Size	920 x 440
	Table Height	850 or 900
	Rated Voltage	AC 110 or 230V / 50 or 60Hz
	Power Consumption	260VA
	Table Rotation Angle & Slide stroke	90°, 360mm
	Phoropter Hanger	200mm, 15mm/sec
	Up/Down Stroke&Speed	
	Allowable Loading Weight of Table	30kg
	Net Weight	129kg(A), 119kg(B)
Chair (RC-500)	External Dimension	650(W) x 770(D) x 1240(H)
	Seat Height	Min.510 ~ Max.760
	Up/Down Stoke&speed	250mm, 20mm/sec
	Allowable Loading Weight of Chair	160kg
	Net Weight	58kg
Total Net Weight (Unit+Chair)		187kg (A), 177kg (B)

Feature



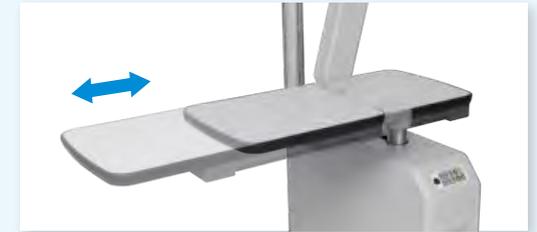
Console(RT-15A)

Control functions of unit chair as central control system. (The blue buttons are available only for Type A)



Swing Table

A structure that facilitates patient access by attaching a rotating table.



Sliding Table

Press the bar under the table and the table will slide smoothly



Charging well

Various types of Retino Scope can be charged.

Basic Chargable Model : Welch Allyn, Neitz
Optional Model : Keeler, Heine



Phoropter Arm

It is an automatic arm function that can be equipped with a phoropter for the patient's vision test, and one-stop examination is possible.

RT-15A : Auto phoropter Arm
RT-15B : Counter Balanced Arm



Sliding Chair(Optional)

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

Compatibility and Others : By adding the Free Voltage function to the slit lamp power supply, all slit lamps from manufacturers can be installed. Capable of installing CP for video display monitor and CP for visual acuity test with Silt Lamp.

Applicable Chair
RC-100, 200, 300, 400, 500



RT-17 (A&B)

I Instrument Refraction Unit&Chair

The compact design allows for effective eye examinations even in narrow spaces.



Specification(mm)

Unit Table	External Dimension	970(W) x 1380(D) x 1750(H) (A) 930(W) x 1200(D) x 2000(H) (B)
	Table Size	900 x 420
	Table Height	815
	Rated Voltage	AC 110 or 230V / 50 or 60Hz
	Power consumption	260VA
	Table Rotation Angle	90°
	Drawer Size	547(W) x 350(D) x 59(H)
	Allowable Loading Weight of Table	30kg
	Net Weight	100kg(A), 92kg(B)
	Chair (RC-400)	External Dimension
Seat Height		Min.420 ~ Max.670
Up/Down Stroke&speed		250mm, 15mm/sec
Allowable Loading Weight of Chair		150kg
	Net Weight	18kg
Total Net Weight (Unit+Chair)		118kg (A), 110kg (B)

RT-17A ▲

RT-17B ►



RODEK

Feature



The Table Rotates 90 Degrees

A structure that facilitates patient access by attaching a rotating table.



Storage Space

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



Console(17A)

There is Console with easy operation. (The blue buttons are available only for Type A)



Table Switch(17A)

Control functions of unit chair as central control system. (The blue buttons are available only for Type A)



Swing Bed for ARK

No interference from the phoropter arm by adopting ARK bed & optimize the space utilization.



LED Lamp & Hanger

Minimize power consumption by adopting LED lamp. There is the cover which can arrange phoropter's power cables and other lines.



Phoropter Arm

The auto arm function makes the Phoropter test easier
RT-17A : Auto phoropter Arm
RT-17B : Counter Balanced Arm

Right Handed Type and Left Handed Type : You may choose it both right handed type and left handed type depends on Characteristics of Doctor's Office.

Applicable Chair

RC-100, 200, 400, 500

RX-2000

I 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 handed type and right handed type depends on characteristics of Doctor's office.



Specification(mm)

Unit Table	External Dimension	1400(W) x 2400(D) x 2000(H)
	Table Size	830 x 415
	Side Table Size	1440 x 660
	Table Height	Min.755~Max.920
	Up/Down Stroke & Speed	165mm, 25mm/sec
	Table Sliding Stroke	500
	Drawer Size	480(W) x 485(D) x 65(H)
	Allowable Loading Weight of Table	30kg
	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
	Power Consumption	250VA
Chair (RC-200)	Net Weight	137kg
	External Dimension	640(W) x 720(D) x 1080(H)
	Seat Height	Min.475~Max.725
	Up&Down Stroke Speed	250mm, 20mm/sec
	Allowable Loading Weight of Chair	160kg
Net Weight		42kg
Total Net Weight (Unit+Chair)		179kg

RODEK

Feature



Sliding Table

The slide table is convenient to use thanks to the one-touch unlocking device. The slide method minimizes the doctor's movement, and allows the doctor to adjust the height of the table, which helps reduce fatigue.



Console

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



LED Lamp & CP Installation

No glare and minimal 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.



Charging Well

Various types of Retino Scope can be charged

Basic Chargable Model : Welch Allyn, Neitz
Optioanl Model : 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.

Comparability and Selective Design : By adding the Free Voltage function to the slit lamp power supply, all slit lamps from manufacturers can be installed. Capable of installing CP for video display monitor and CP for visual acuity test with Silt Lamp.

Right Handed Type and Left Handed Type : You may choose it both right handed type and left handed type according to Doctor's preference.

Applicable Chair
RC-100, 200, 300, 400, 500

RX-3000

I 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 at ergonomic design that enables to take examination as one-stop including eye testing through Phoropter. You may purchase it both left handed type and right handed type depends on the characteristics of the Doctor's office.



Specification(mm)

Unit Table	External Dimension	1400(W) x 1600(D) x 2000(H)
	Table Size	830 x 415
	Table Height	Min.755 ~ Max.920
	Drawer Size	480(W) x 485(D) x 65(H)
	Allowable Loading Weight of Table	30kg
	Up/Down Stroke&Speed	165mm, 25mm/sec.
	Table sliding Stroke	500
	Rated Voltage	AC 110 or 230V / 50 or 60Hz
	Power Consumption	250VA
	Net Weight	137kg
Chair (RC-300)	External Dimension	640(W) x 960(D) x 1250(H)
	Seat Height	Min.520 ~ Max.770
	Up/Down Stroke&Speed	250mm, 20mm/sec
	Seat Reclining Angle	110 ~ 170°
	Headrest Reclining Angle/Stroke	90° / 150mm
	Rotation Chair / Armrest Angle	350° / 90°
	Allowable Loading Weight of Chair	160kg
	Net Weight	82kg
Total Net Weight (Unit+Chair)		219kg

RODEK

Feature



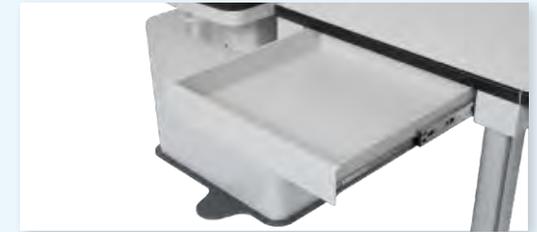
Slide Table

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.



Console

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.



Storage Space

Very convenient to use the phoropter due to storage space of Trial Lens



Phoropter Arm

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



Charging Well

Various types of Retino Scope can be charged.

Basic Chargeable model : Welch Allyn, Neitz
Option Model : Keeler, Heine



Foot Switch

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

Comparability and Selective Design : By adding the Free Voltage function to the slit lamp power supply, all slit lamps from manufacturers can be installed. Capable of installing CP for video display monitor and CP for visual acuity test with Silt Lamp.

Right Handed Type and Left Handed Type : You may choose it both right handed type and left handed type according to Doctor's preference.

Applicable Chair

RC-100, 200, 300, 400, 500

RX-2030

I Instrument Refraction Unit&Chair

RX-2030 is the new generation of highly durable as well as customer oriented design from RODEK. Adopting LCD as a cutting-edge console, customers feel facilitate it easily

Specification(mm)

Unit Table	External Dimension	950(W) x 750(D) x 2100(H)
	Arm(Table) Height	Min.790 ~ Max.990
	Up/Down Stroke&Speed	200mm, 15mm / sec
	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
	Power Consumption	250VA
	Allowable Loading Weight of Table	30kg
	Net Weight	102kg
Chair (RC-500)	External Dimension	650(W) x 770(D) x 1240(H)
	Seat Height	Min.510 ~ Max.760
	Up/Down Stroke&Speed	250mm, 20mm/sec
	Allowable Loading Weight of Chair	160kg
	Net Weight	58kg
Total Net Weight (Unit+Chair)		160kg



Feature



LED Lamp

Easy to adjust an angle as well as height

2 Steps for LED Lamp : 50% & 100%



Counter Balanced Arm & Monitor Arm

Counterbalanced phoropter arm locks and allows adjustment with a single hand.

Various types of monitors could be mounted with monitor arm easily.



Charging Well

Two Rechargeable wells accommodate all brands hand held Retino-Scopes.

Basic : Welch Allyn, Neitz

Optional : Keeler, Heine (It could be necessary to be modified in case of the latest version)



Arm for Slit Lamp Table

The Stroke is 7.8"(20 cm) and the allowable loading weight is 66 lbs(30Kg). Could be adjusted Arm easily by User.



Power Outlet for Slit Lamp

Power can be supplied from the closest location to the slit lamp.



Switches(Slit lamp arm & chair)

Raise and lower switches on the slit lamp arm control slit lamp arm&chair height adjustments.



Button Console(Basic)

Durable switches, logically positioned.

Soft touch feeling.



LCD Console(Optional)

Luxurious Appearance& Logical Console

2 Steps for LED Lamp : 50% & 100%
Modernized LCD with just touch

Applicable Chair

RC-500 (Basic model), RC-300 (Premium model)

RT-200&200S

RT-200

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

Specification(mm)

External Dimension	555(W) x 485(D) x 670(H)
Table Size	555 x 485
Table Height	Min.670 ~ Max.970
Table Up/Down Stroke&speed	300mm, 20mm/sec
Allowable Loading Weight of Table	60kg
Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Power Consumption	50VA
Net Weight	22kg



RT-200S

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	595(W) x 575(D) x 660(H)
Table Size	595 x 375
Table Height	Min.660 ~ Max.960
Table Up/Down Stroke&speed	300mm, 20mm/sec
Allowable Loading Weight of Table	60kg
Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Power Consumption	50VA
Foot Switch	Optional
Net Weight	21kg



RT-300&300S

RT-300

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)

External Dimension	845(W) x 595(D) x 660(H)	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Table Size	845 x 595	Power Consumption	50VA
PC Case Size	210(W) x 570(D) x 455(H)	Foot Switch	Optional
Table Height	Min.660 ~ Max.960	Net Weight	33kg
Table Up/Down Stoke&speed	300mm, 25mm/sec		
Allowable Loading Weight of Table	60kg		



RT-300S

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	745(W) x 545(D) x 1052(H)	Allowable Loading Weight of Table	60kg
Table Size	745 x 545	Keyboard Tray Siset	470(W) x 168(D) x 20(H)
PC Case Size	210(W) x 510(D) x 510(H)	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Table Height	Min.670 ~ Max.970	Power Consumption	50VA
Table Up/Down Stoke&speed	300mm, 25mm/sec	Net Weight	42kg



RT-500&600

RT-500

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	1100(W) x 530(D) x 1086(H)	PC Case Size	190(W) x 505(D) x 435(H)
Table Size	1100 x 530	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Table Height	Min.670 ~ Max.920	Power Consumption	50VA
Table Up/Down Stoke&speed	250mm, 25mm/sec	Net Weight	58kg
Allowable Loading Weight of Table	60kg		



RT-600

Economic & Simple design as refraction table only with less motor noise as well as speedy up/down Furthermore, the footswitch makes it easily to do up/down by using foot instead of hand

Specification(mm)

Table External Dimension	595(W) x 375(D) x 965(H)	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Table Size	595 x 375	Power Consumption	50VA
Table Height	Min.660 ~ Max.960	Net Weight	20kg
Table Up/Down Stoke&speed	250mm, 25mm/sec		
Allowable Loading Weight of Table	60kg		



RC-100&200&400



RC-100

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)

External Dimension	640(W) x 650(D) x 1050(H)	Up/Down Stroke & Speed	250mm, 15mm/sec
Seat Height	Min.450~ Max.700	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Allowable Loading Weight of Chair	150kg	Power Consumption	100VA
		Net Weight	35kg



RC-200

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

Specification(mm)

External Dimension	640(W) x 720(D) x 1080(H)	Up/Down Stroke & Speed	250mm, 20mm/sec
Seat Height	Min.475~ Max.725	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Allowable Loading Weight of Chair	160kg	Power Consumption	150VA
		Net Weight	42kg



RC-400

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

Specification(mm)

External Dimension	460(W) x 490(D) x 870(H)	Up/Down Stroke & Speed	250mm, 15mm/sec
Seat Height	Min.420~ Max.670	Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Allowable Loading Weight of Chair	150kg	Power Consumption	100VA
		Net Weight	18kg

RC-300

Refraction Recline Chair

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

Specification(mm)

Chair External Dimension	640(W) x 960(D) x 1250(H)
Seat Height	Min.520~ Max.770
Up/Down Stroke & Speed	250mm, 20mm/sec
Seat Reclining Angle(Manual)	110°~170°
Headrest Reclining Angle / Stroke	90° / 150mm
Rotation Chair / Armrest	350° / 90° (manual)
Allowable Loading Weight of Chair	160kg
Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Power Consumption	150VA
Net Weight	82kg



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.



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) x 770(D) x 1240(H)
Seat Hight	Min.510~ Max.760
Up/Down Stroke & Speed	250mm, 20mm/sec
Seat Reclining Angle(Manual)	100° ~ 150°
Chair Rotation Angle	100° (Optional)
Armrest Rotation Angle	90° (Manual)
Allowable Loading Weight of Chair	160kg
Rated Voltage	AC 110 or 230V / 50 or 60 Hz
Power Consumption	150VA
Net Weight	58kg



Feature

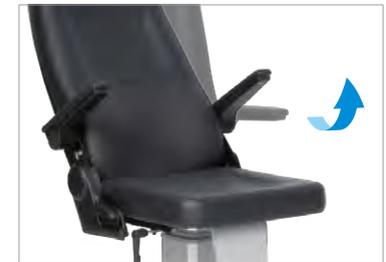
Rotation of seat

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.



ETC



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



Safety Switch(Under the Table)

For the patient's safety, the movement of the table will stop immediately in case of contacting between the table and patient

Applicable Model : RT-13 / RT-15 / RT-17 / RX-2000 / RX-3000



Phoropter Arm(Counter Balanced Type)

Counter Balanced Arm function which can install the Phoropter for the patient's eye examination is Able to be smart

Applicable Model : RT-15B / RT-17B / RX-2030

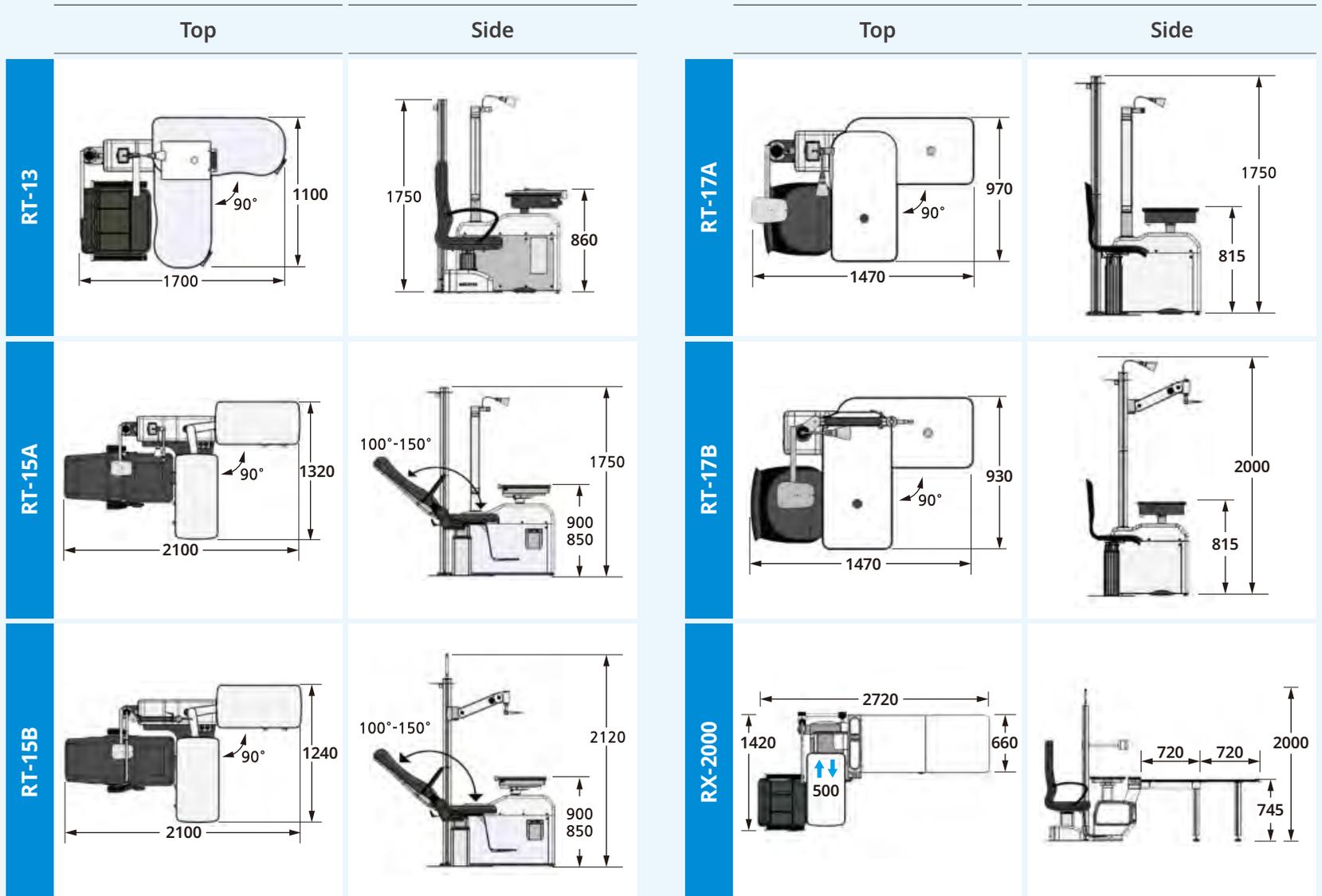


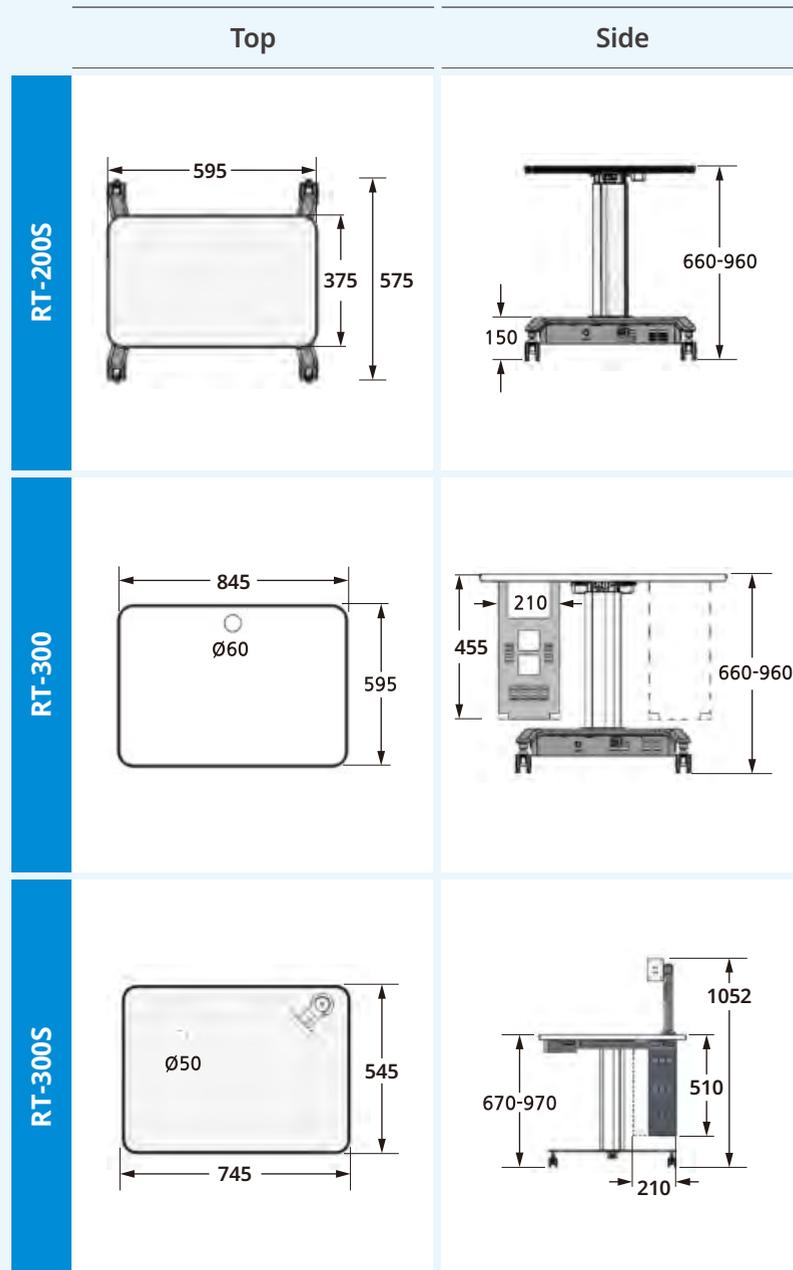
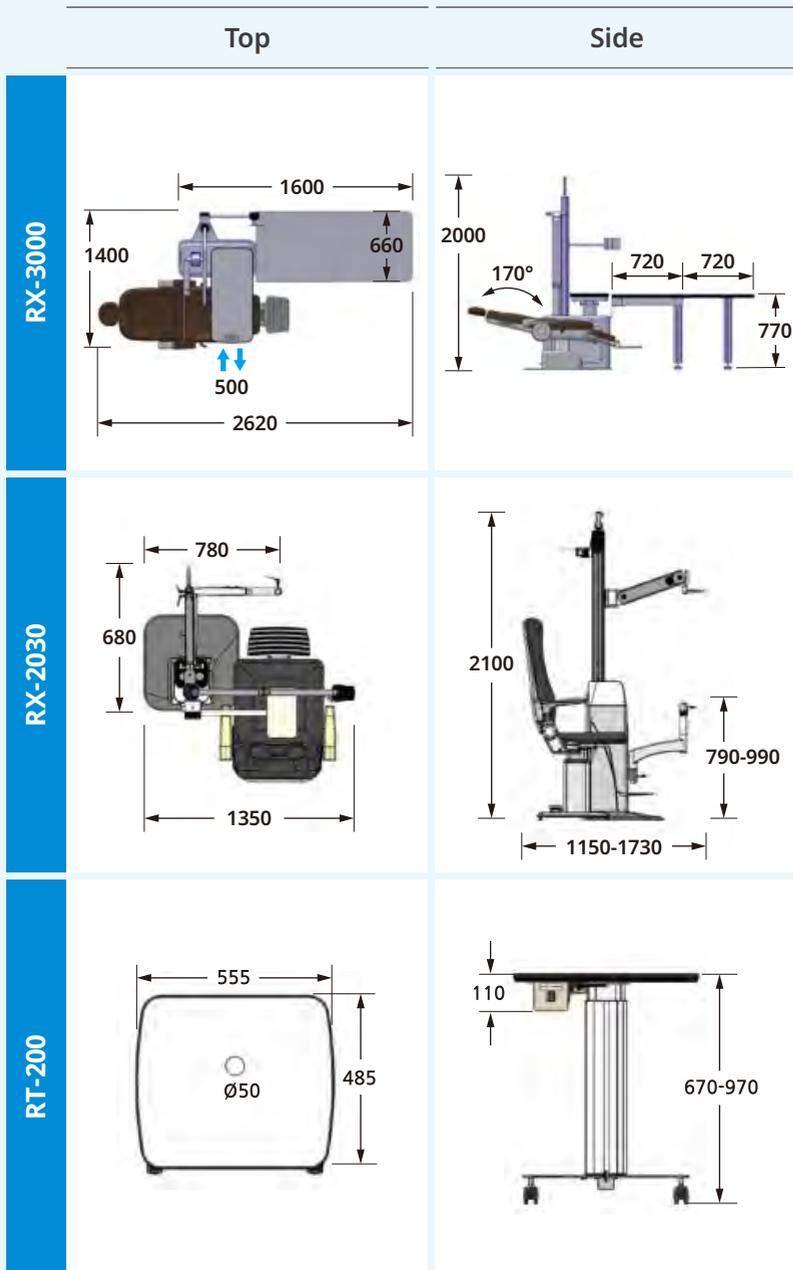
Foot Switch

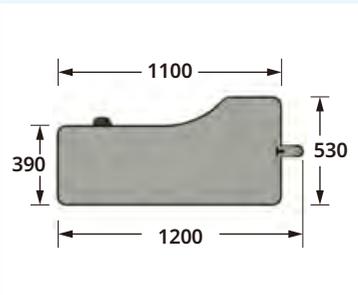
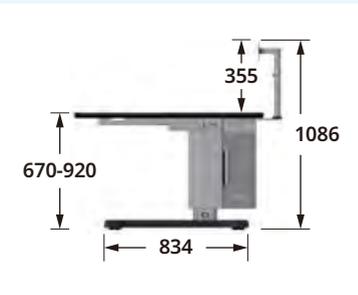
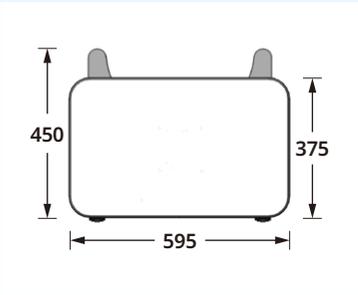
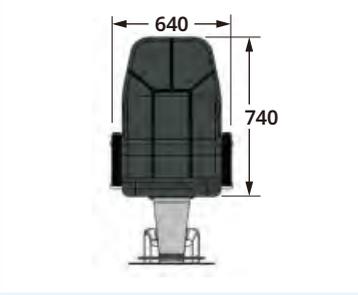
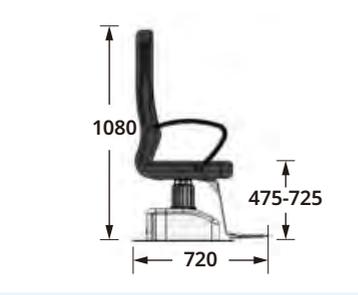
Able to adjust the height Up & Down of chair

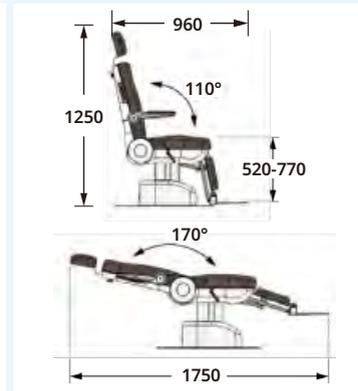
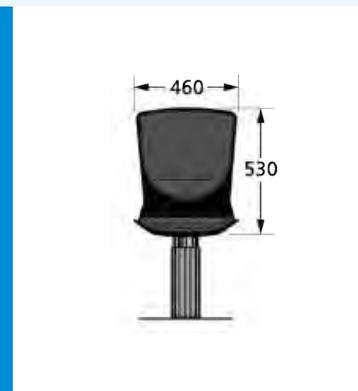
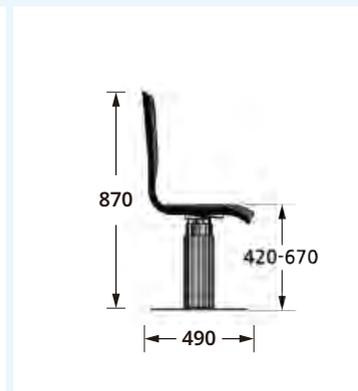
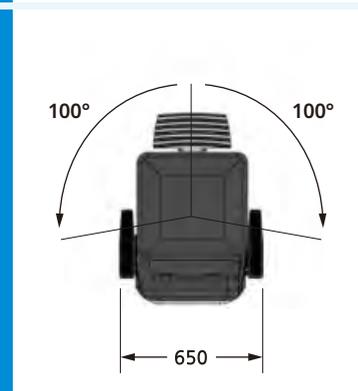
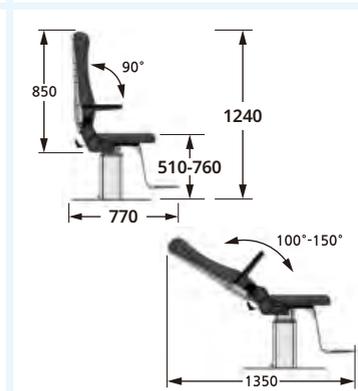
Applicable Model : RT-15 / RX-2000 / RX-3000 / RX-2030
RC-100 / RC-200 / RC-300 / RC-400 / RC-500

Dimension





	Top	Side
RT-500		
RT-600		
RC-100		
RC-200		

	Top	Side
RC-300		
RC-400		
RC-500		

RODEK



ISO 13485
LL-C (Certification)

INFORMATION

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