EURUS SUPPORT BOOK

Belmont

EURUS

EURUS embodies our belief of bringing highly reliable Japan quality products to dentists in the world.

Ergonomic,Clean and Professional

VARIATION

S1
-Contour Chair
-Chair Mount Over The Patient
-Holder/Place/Rod
-Unit Mounted LED Light

S3
-Contour Chair
-Pedestal Over The Patient
-Holder/Place/Rod
-Unit Mounted LED Light

S4
-Folding Legrest Chair
-Pedestal Over The Patient
-Holder/Place/Rod
-Unit Mounted LED Light

MADE IN JAPAN

Belmont Osaka Factory

SINCE 1921
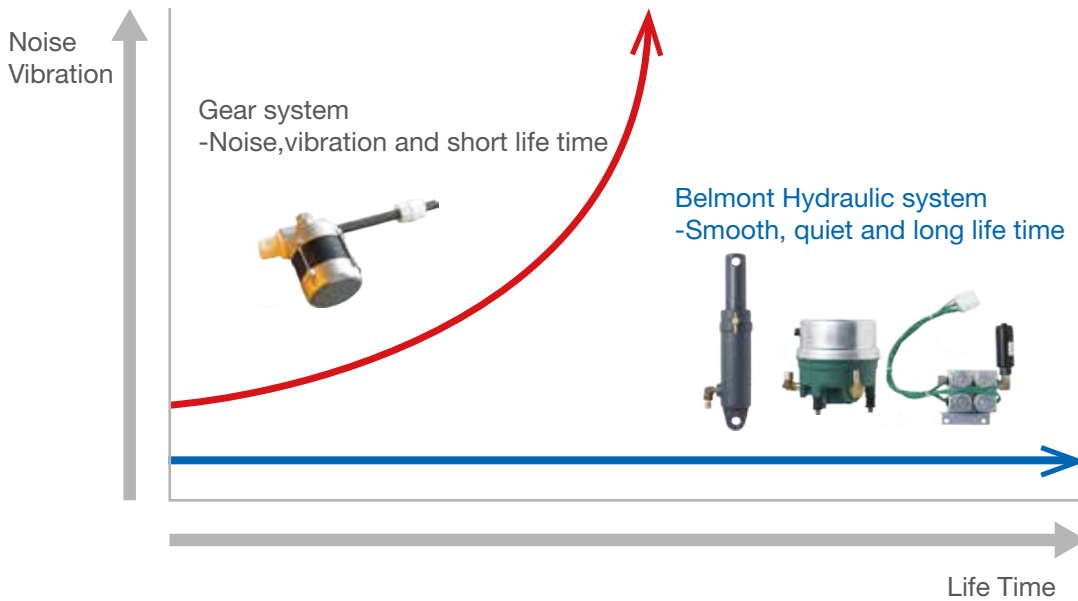

Since 1921,Belmont provides high-quality products and service.

Highly trained workers handcraft the chair, unit and light.

ELECTRO HYDRAULIC

Noise Vibration

Gear system
-Noise,vibration and short life time

Belmont Hydraulic system
-Smooth, quiet and long life time

Life Time

PATIENT WEIGHT CAPACITY

200kg

165kg

Contour Chair
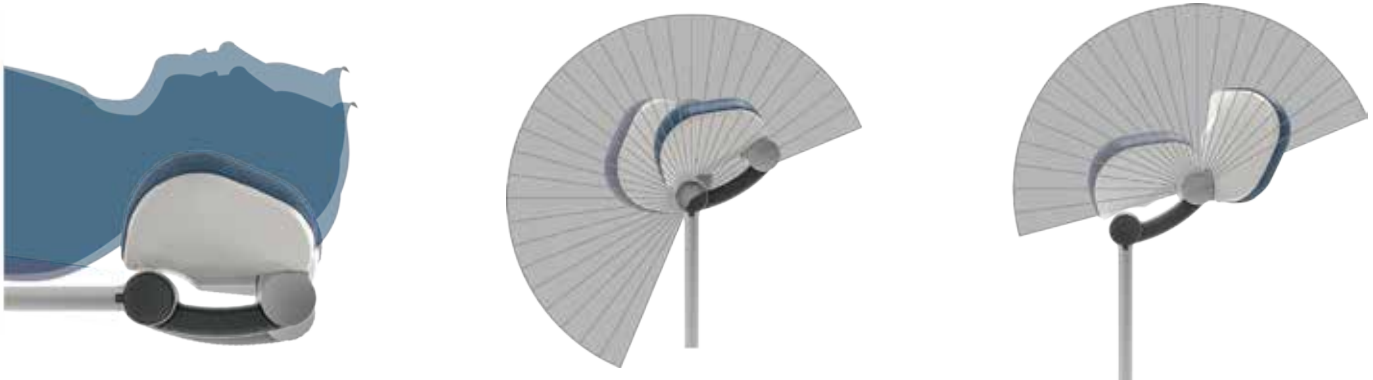
Folding Legrest Chair

DURABILITY

Duration test

10 year x 240 days x 15 patient x 3 moves =108,000 moves

TWIN-AXIS HEADREST

More Precise and Lighter Adjustment of Headrest
- reduces burden on wrists and arm of the dentists

Adjustment angle
EURUS: 7.5 degree
Clesta2: 10.0 degree

-helps female dentists to adjust it with less power

PULL
EURUS: 4.45 kg
Clesta2:   9.5 kg

PUSH
EURUS: 0 kg
Clesta2:   3.0 kg

POWER HEADREST

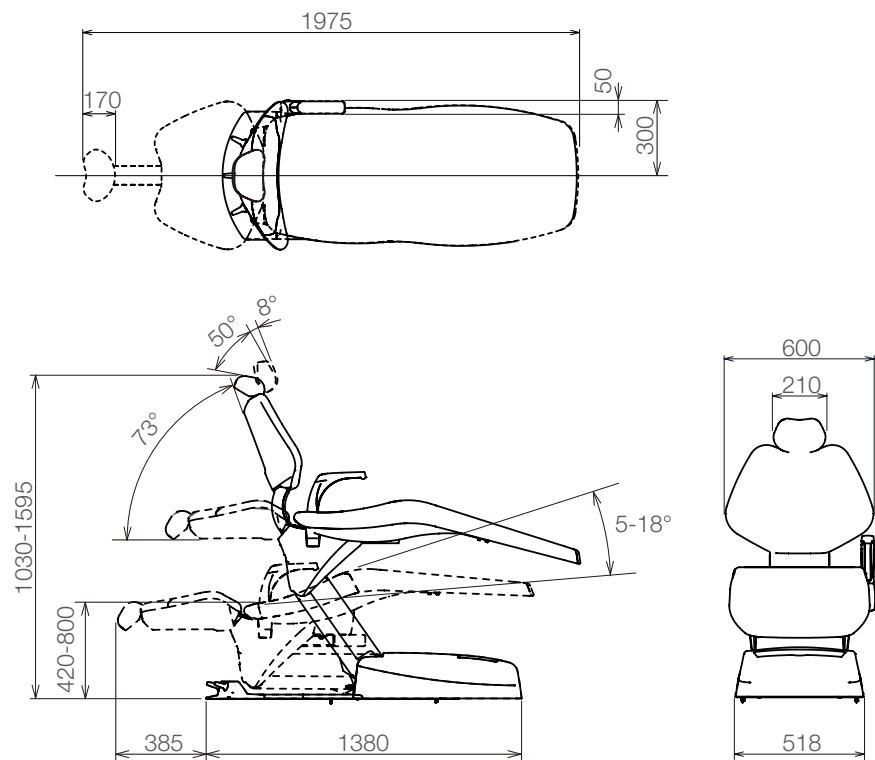## Control headrest position without hands

UP & DOWN
120mm stroke

Raise & Recline
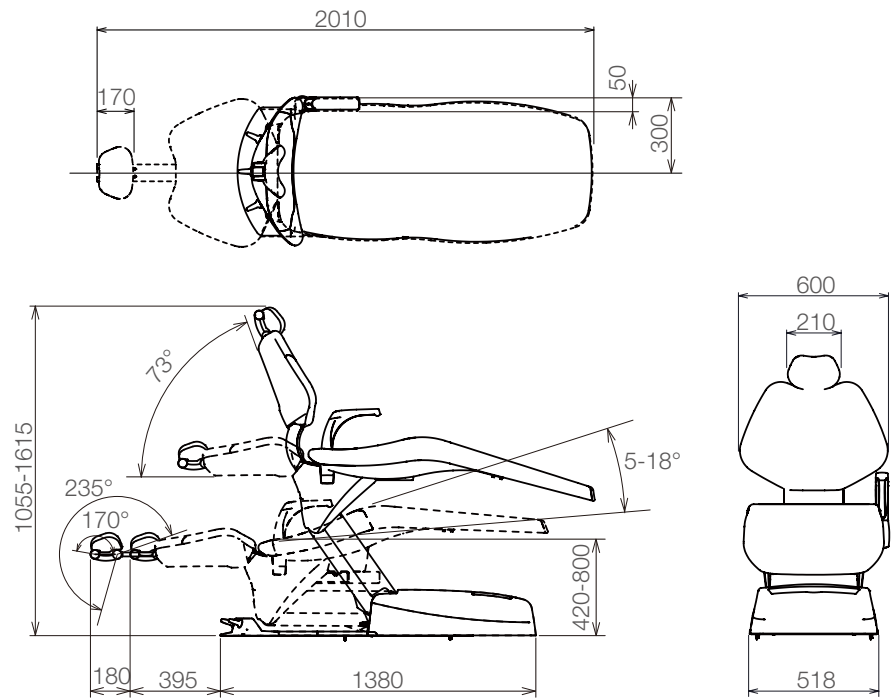Fit to human head movement

CONTOUR CHAIR

DIMENSIONS

Headrest: Electrohydraulic

1975

170
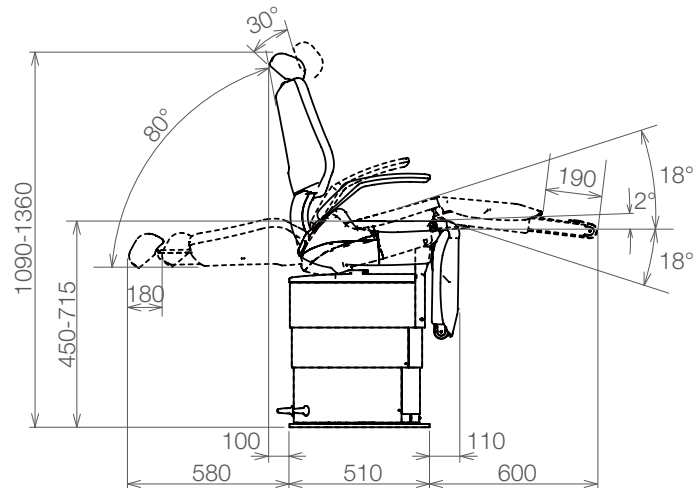
50

300

50° 8°

73°

1030-1595

5-18°

420-800

385

1380

600

210

518

Headrest: Manual

2010

170

50

300

73°

1055-1615

5-18°

235°

170°

420-800

180

395

1380

600

210

518

Unit: mm
Tolerance in dimensions: ±10%

FOLDING LEGREST CHAIR

Dimensions

Headrest: Electrohydraulic

Dimensional drawing (standard values are provided)

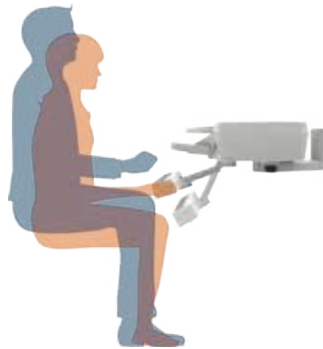### Headrest: Manual
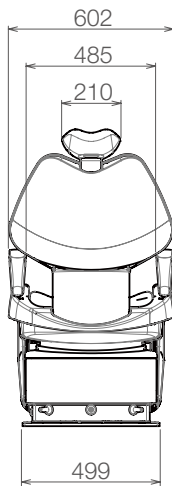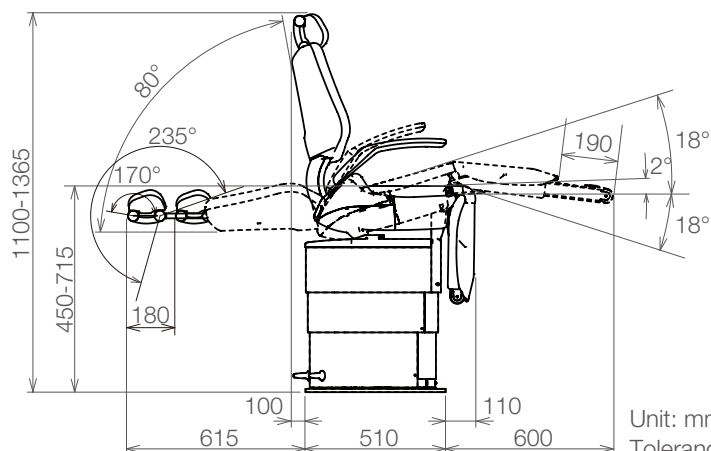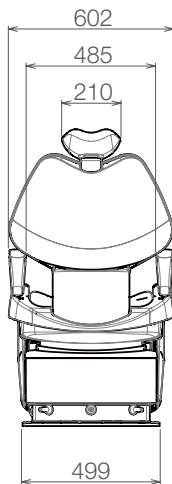
Unit: mm
Tolerance in dimensions: ±10%

HOLDER & PLACE TYPE

Holder Type

- Separated holder can be adjusted for suitable position

- Holder,handle,touch panel and large table are within the reach

Place Type

-3 Roller guides for each handpiece
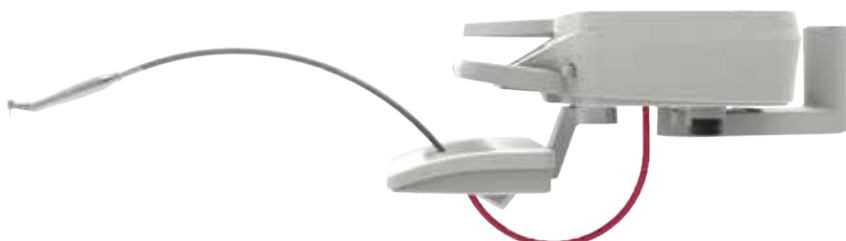
- Roller guide holds the weight of the hose
- No need to look back when returning the handpiecies

ROD TYPE

Belmont Rod Type

-Long reach of 900 mm
-Flexible holder

From side of the patient

From top of the patient

Tension Adjustment
-Tension can be adjusted to change each
 handpiece's weight to reduce the burden.

Different tension
setting for handpiece

Micromotor   Air turbine   Scaler

TOUCH PANEL

Home screen

Timer indication
Indicates the status of the timer function in operation
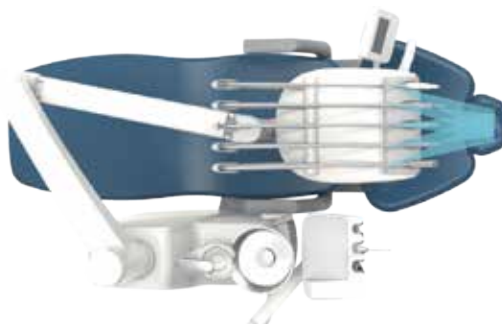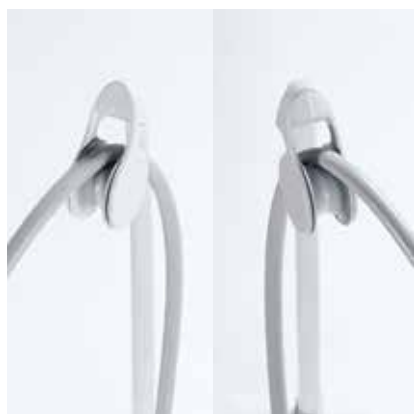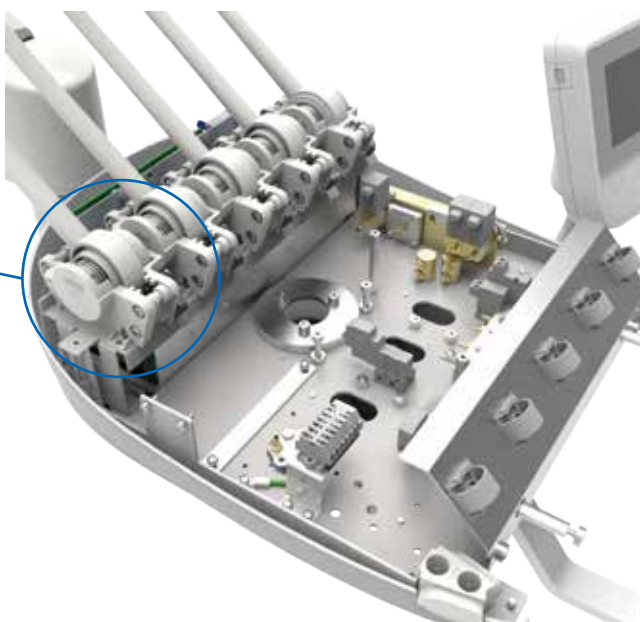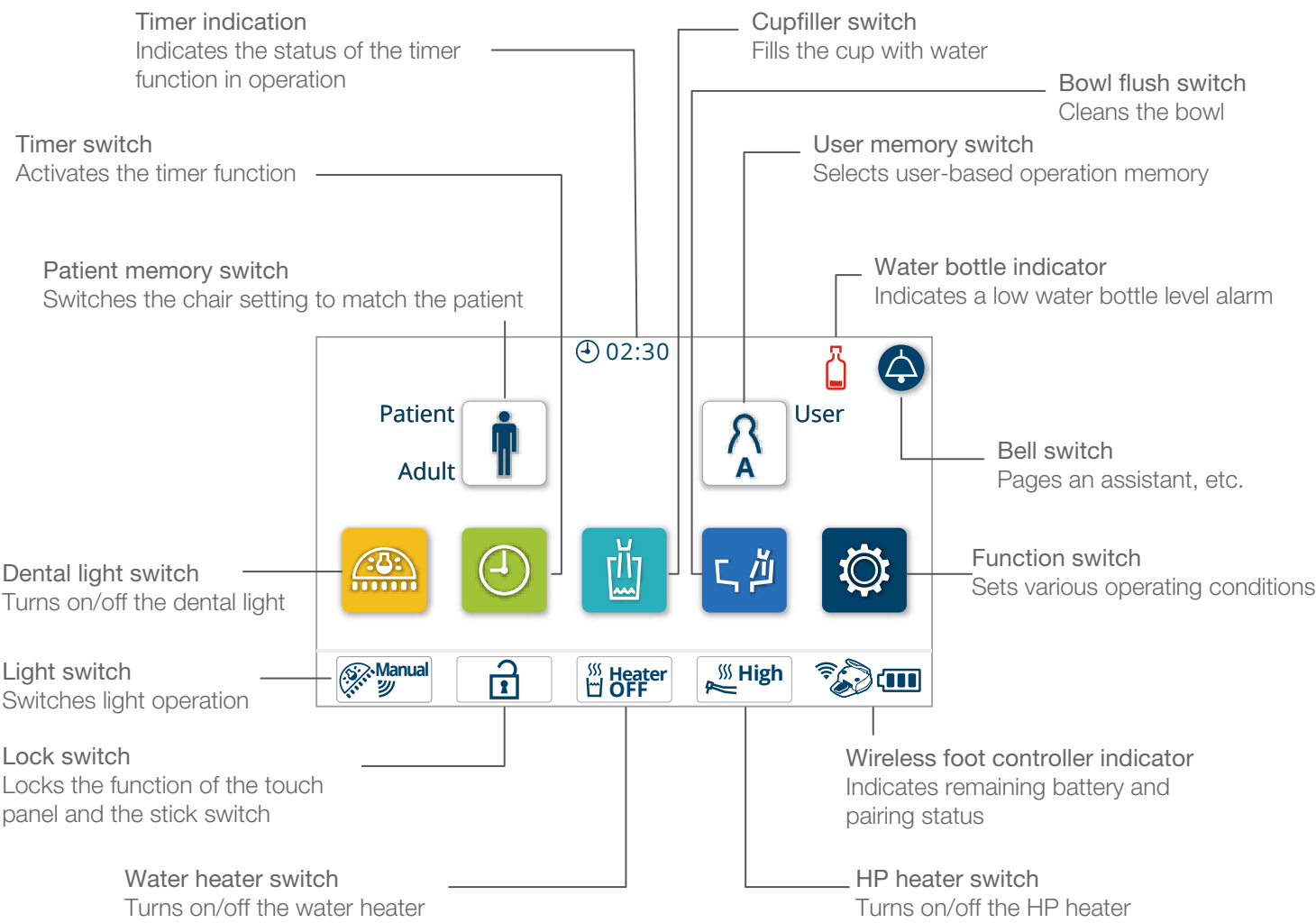
Timer switch
Activates the timer function

Patient memory switch
Switches the chair setting to match the patient

Cupfiller switch
Fills the cup with water

Bowl flush switch
Cleans the bowl

User memory switch
Selects user-based operation memory

Water bottle indicator
Indicates a low water bottle level alarm

⏱ 02:30

Patient
Adult

User
A

Bell switch
Pages an assistant, etc.

Dental light switch
Turns on/off the dental light

Function switch
Sets various operating conditions

Light switch
Switches light operation

Manual

Heater OFF

High

Lock switch
Locks the function of the touch panel and the stick switch

Wireless foot controller indicator
Indicates remaining battery and pairing status

Water heater switch
Turns on/off the water heater

HP heater switch
Turns on/off the HP heater

32 different user setting

	🧒 Child	🧍 Adult	🧓 Elderly
User A		4 positions	
User B		4 positions	
User C		4 positions	
User D	4 positions	4 positions	4 positions
User E		4 positions	
User F		4 positions	

MICROMOTOR

Micro motor screen

Memory tab
Calls the rotation control memory

+/- switch
Increases/decreases rotation or power

Gear ratio switch
Switches the indication of gear ratio

Slide mode switch
Switches slide mode of the foot controller

Chair lock indicator
Issues chair lock status alarm

| M1 | M2 | M3 | M4 |

User A

Va 5,000 Max
5,000 min⁻¹   + / −   ⚙ 1:1
AUTO Rev ↱
3.0 Ncm

Spray air switch
Turns on/off spray air flow

Torque control switch
Micromotor setting of torque value/automatic reverse function

Spray water switch
Turns on/off spray water flow

Handpiece light switch
Turns on/off the handpiece light

Menu call switch
Calls various operation menu screens

Micromotor forward/reverse switch
Switches the rotation direction

Micromotor option specs

Model	Picture	Setting range of maximum rotation (gear ratio 1:1)									Type	Max Torque	Torque control	Auto reverse Aurto forward
		100	1000	2000	5000	6000	10000	20000	30000	40000				
NSK NBX				Rotation range — Interval of settable maximum rotation — Every 1,000							Brush	2.5Ncm		
NSK NLX nano			Rotation range — Interval of settable maximum rotation — Every 1,000								Brushless	3.2Ncm		
NSK NLX plus		Low-speed rotation range — Interval of settable maximum rotation — Every 100 / Every 500	High-speed rotation range — Interval of settable maximum rotation — Every 1,000								Brushless	4.0Ncm	●	●
Bien air MCX			Rotation range — Interval of settable maximum rotation — Every 1,000								Brushless	2.5Ncm		
Bien air MX2		Low-speed rotation range — Interval of settable maximum rotation — Every 100 / Every 500			High-speed rotation range — Interval of settable maximum rotation — Every 1,000						Brushless	3.5Ncm	●	●

(Unit: min⁻¹)

SCALER

Scaler screen

Mode tab

Output

Slide mode switch
Switches slide mode of
the foot controller

User A

| Perio | Endo | Scaling |

Va

5 / 8 Max

Maximum output
(displayed only in Va
mode)

Touch bar graph

1   5   10

W

Spray water switch
Turns on/off spray water flow

Handpiece light switch
Turns on/off the handpiece light

Menu call switch
Calls various operation menu screens
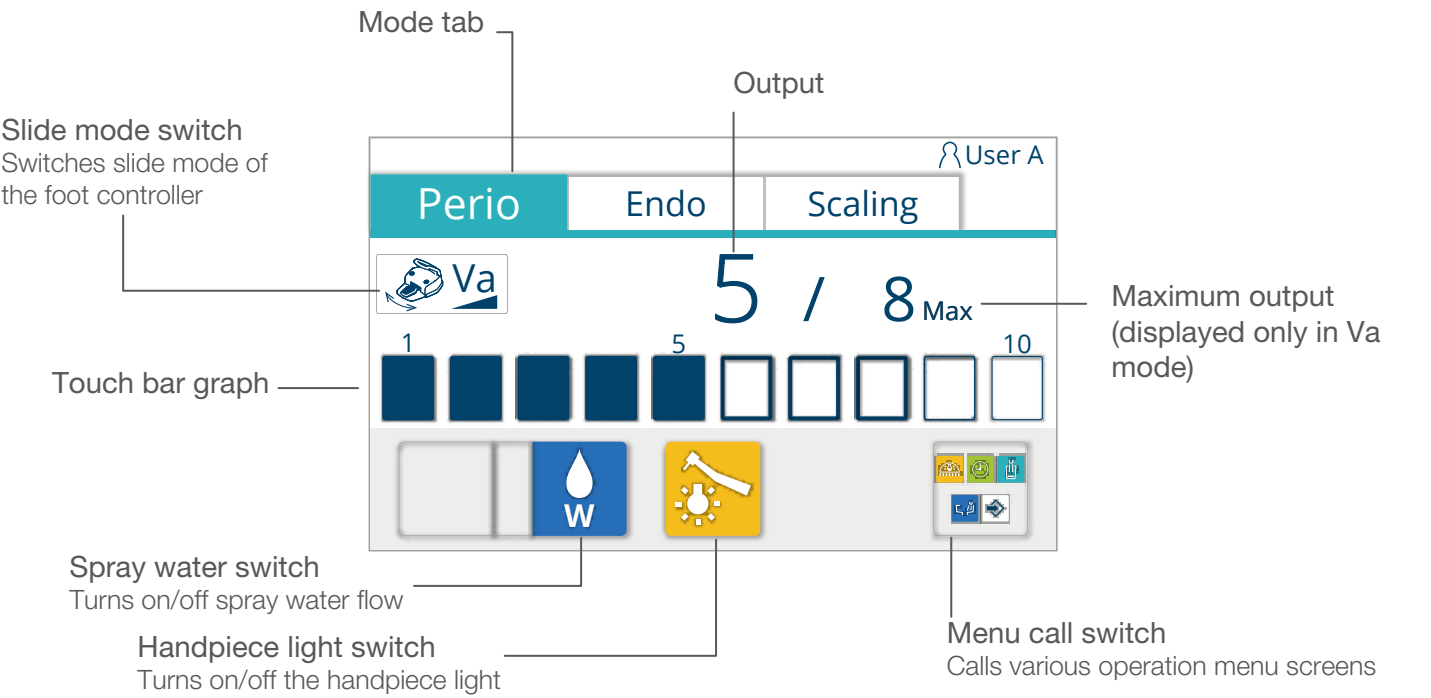
Scaler option specs

Model	Picture	Scaling,Perio,Endo mode
EMS No pain		
Satelec Xinetic		
Satelec SP4055 Newtron		●
NSK Varios 170		●
Dentsply Cavitron		

CUSPIDOR OPTION
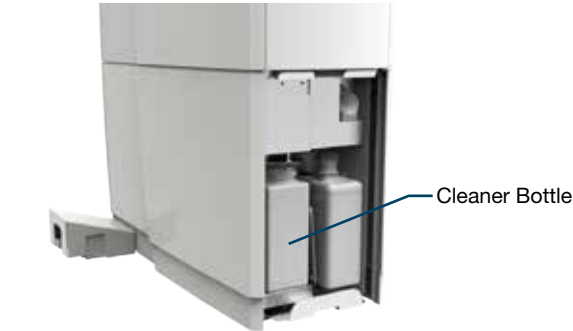
Separator and Water disinfection system

Separator model	Picture	Air/Water Separation	Amalgam Separation	Amalgam Separation rate	Available combination with water disinfection system
Dürr CS1		●			
Dürr CAS1		●	●	95%	WEK eco light
Metasys MST1 Eco Light		●			
Metasys MST1		●	●	95%	WEK WEK eco light
Dürr Spittoon Valve					

VACUUM CLEAN SYSTEM

Cleaner Bottle

Avairable Variation:S3 and S4

Available configuration matrix

		Separator type							
Single Vacuum		W/O Separator	Dürr CS1(Installed)	Dürr CS1(Preparation)	Dürr CAS1(Installed)	CAS1(Preparation)	Metasys MST1 eco	Metasys MST1	Dürr Spittoon valve
Water disinfectinon system type	W/O water disinfection system	■	■	■			■	■	
	Metasys WEK LIGHT								
	Metasys WEK								

|		Separator type							
Twin Vacuum		W/O Separator	Dürr CS1(Installed)	Dürr CS1(Preparation)	Dürr CAS1(Installed)	Dürr CAS1(Preparation)	Metasys MST1 eco	Metasys MST1	Dürr Spittoon valve
Water disinfectinon system type	W/O water disinfection system	■	■	■				■	■
	Metasys WEK LIGHT								
	Metasys WEK							■	

■ Available configuration

STAY CLEAN AND SAFE

Belmont dental treatment center provides solutions
against infection to stay clean and safe during procedure.

Unit and chair surfaces : Viruses

Contacting blood and saliva directly or aerosol from patient,
viruses acquire on the chair and unit surfaces .
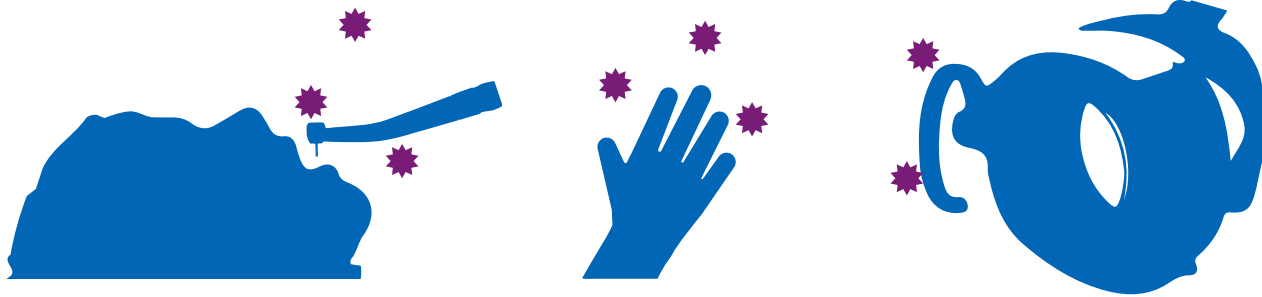
## Dental unit water line : Bacteria

Bacteria forms on the walls of water line inside
the dental treatment center only a few days.
Legionella infection is one of the common health
risks of dental unit.

Inside water line

Biofilm

Limescale
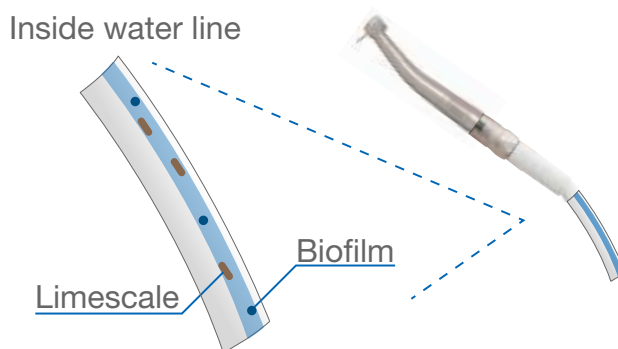
Dental unit vacuum line : Viruses

Suctioned blood, saliva and deposits stays on encrustation
of vacuum line and create microbes.
Risks of Viruses including HBV,HCV and HIV without treatment.

Inside Vacuum line

Saliva

Blood
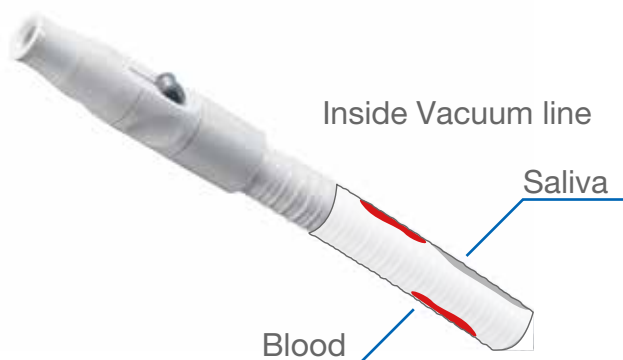
STAY CLEAN AND SAFE

TOUCHLESS CONTROL

Reduce infection risks by cotrolling device without hands.

Power headrest
Adjust headrest without hands

UP & DOWN

Raise & Recline

Light touchless sensor
On/Off without touch

Normal mode

Composite safe mode

Foot control
Blue switch can be customized for doctor's choise and controlled by foot

Spray ON/OFF

Micromotor Forward/Reverse

Light ON/OFF

STAY CLEAN AND SAFE

AUTOCLAVE 134℃

Autoclave detachable parts after the procedure.

Holder sleeve

Holder cover

Detachable handle

Autoclave process.

Before sterilization, remove dirt on the surface and wash it under running water.
Be sure to put it in a sterilization bag during the sterilization process. Do not perform dry processing exceeding the sterilization temperature.
Autoclaved at a temperature of 134°C for 3 minutes.

STAY CLEAN AND SAFE

CLEANING

Keep the surface and inside the unit clean with disinfection material showing below.

Surface

Dürr FD360
Leather cleaning
When:After each patient

Dürr FD366
Surface disinfection
When:After each patient

Barrier film up to
0.15 mm is available

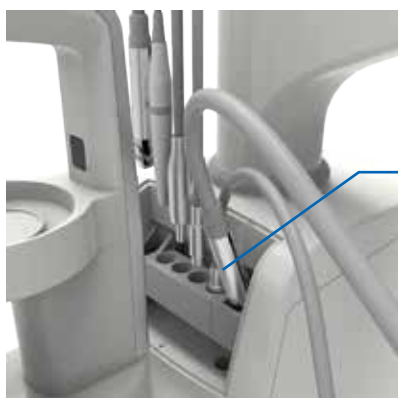Light lenz cover can be
cleaned as well

Vacuum clean system

Dürr Orotol plus
Vacuum line disinfection
When : Daily

Water line
Flushing system

Flushing
Water line cleaning
When : Daily

Water line
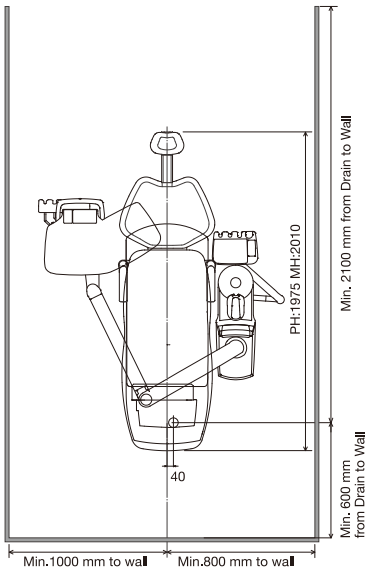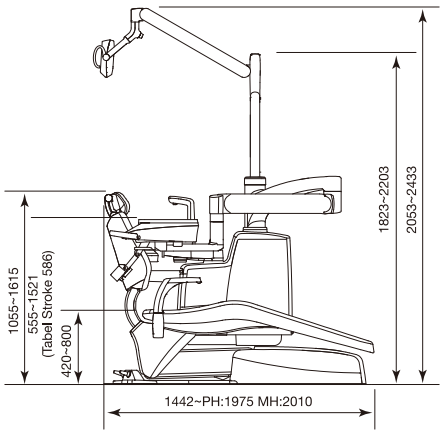Metasys WEK or WEK light

Metasys Green & Clean WK(WEK system)
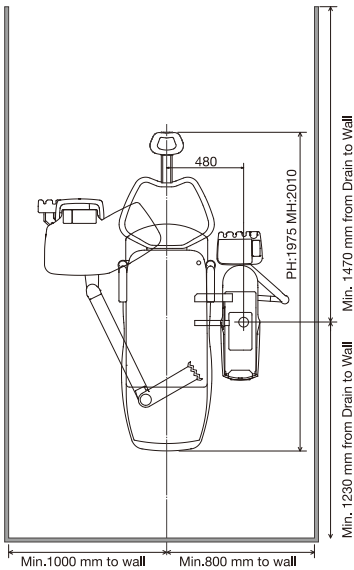Water decontamination system approved
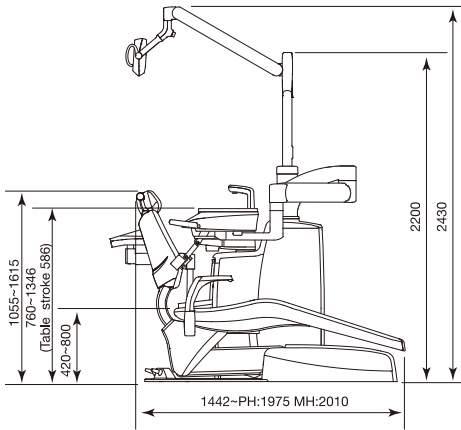by DVGW
When : Constantly

UNIT

DIMENSIONS

S1

S3

S4

S1

1823~2203
2053~2433
1055~1615
555~1521 (Tabel Stroke 586)
420~800
1442~PH:1975 MH:2010

S3

2200
2430
1055~1615
760~1346 (Table stroke 586)
420~800
1442~PH:1975 MH:2010

S4

2200
2430
1130~1395
760~1346 (Table stroke 586)
450~715
690~PH:1690 MH:1725

S1

PH:1975 MH:2010
Min. 2100 mm from Drain to Wall
40
Min. 600 mm from Drain to Wall
Min.1000 mm to wall   Min.800 mm to wall

S3

480
PH:1975 MH:2010
Min. 1470 mm from Drain to Wall
Min. 1230 mm from Drain to Wall
Min.1000 mm to wall   Min.800 mm to wall

S4

470
PH:1690 MH:1725
649
Min. 1490 mm from Drain to Wall
Min. 1010 mm from Drain to Wall
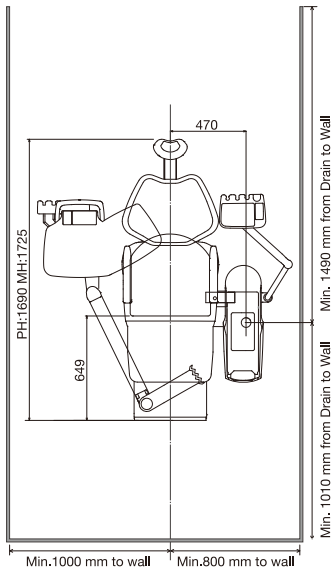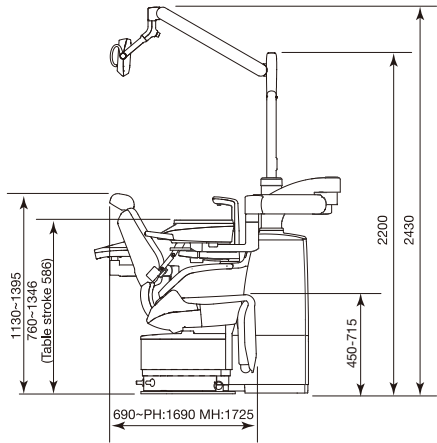Min.1000 mm to wall   Min.800 mm to wall

LIGHT

Technical Data

Optical performance .... Standard irradiation distance: 650 mm
In treatment mode
    Central illuminance: 3,000–28,000 lx
    Correlated color temperature: 5,000 K
In Composite Safe mode
(Compliant with ISO 9680: 2014 5.2.10)
    Central illuminance: 9,000 lx
    Correlated color temperature: 2,700 K
Illuminance pattern .... Pattern dimensions (length x width): 85 x 155 mm

75%
50%
10%

Dimensions

989
160°
160°
53
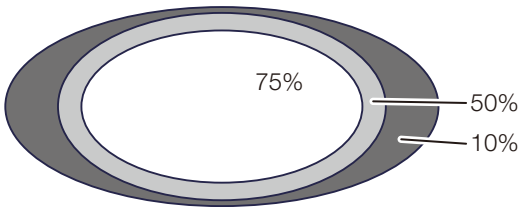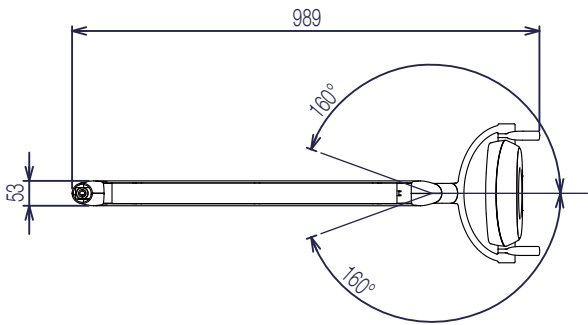
Unit：mm (tolerance in
dimensions: ±10%)

* The dimensions and
specifications are subject to
change without notice.

344
783
50°
144°

90°
90°
294