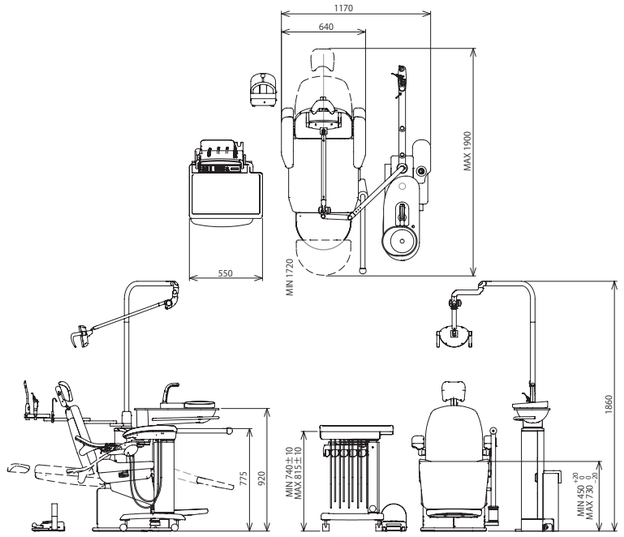
Osada OPAL comfort model-wise specifications

Product / Specification			Product code	0704	0705	0706	0707	0708
			Model	OPL2-1101	OPL2-1111	OPL2-2101	OPL2-2111	OPL2-1211
Air turbine	Osadatron F1 TP,MP,TS,MS	One air turbine		●	●	–	–	●
	Osadatron F2 TP,MP,TS,MS	Two air turbines		–	–	●	●	–
Micromotor	GSL set (SHG02(1:1)straight handpiece,CAG01(1:1)contra handpiece)			●	●	●	●	●×2
	G1 set (SHG02(1:1)straight handpiece,CAG01(1:1)contra handpiece)			○	○	○	○	○
Multipurpose ultrasonic system	Osada Enac 11L (with light)			–	●	–	●	●
	Osada Enac 10L (with light)			–	○	–	○	○
Doctor syringe	Osada Multi syringe F			●	●	●	●	●
	Osada Multi syringe FL (with light)			○	○	○	○	○
	Osada Multi syringe S (disposal use)			○	○	○	○	○
Assistant syringe	Osada Multi syringe F			●	●	●	●	●
Vacuum	Vacuum hose (with cock)			●	●	●	●	●
	Vacuum hose (with switch)			○	○	○	○	○
	Vacuum cup			○	○	○	○	○
Saliva ejector	Saliva ejector hose (with cock)			●	●	●	●	●
Instrument holder	Flat type/Vertical type			●	●	●	●	●
Controller	Lever type foot controller (w/o chair control)			●	●	●	●	●
	Pedal type foot controller (w/o chair control)			○	○	○	○	○
	Three pad type foot controller (w/o chair control)			○	○	○	○	○
	Lever type foot controller (with chair control)			○	○	○	○	○
	Pedal type foot controller (with chair control)			○	○	○	○	○
	Three pad type foot controller (with chair control)			○	○	○	○	○
Headrest	Senior type/Double pad type			●	●	●	●	●
Operating light (LED)	LH-M19S-4500K/5000K (simple arm)			●	●	●	●	●
	LH-M16-4500K/5000K (sensor switch)			○	○	○	○	○
	LH-M17-4500K/5000K (sensor switch/auto return)			○	○	○	○	○
Spittoon	Automatic revolving bowl, Sonic cup filler			●	●	●	●	●

● : Standard equipment
○ : Option/accessory selection

Standard setting and measurement



Specifications

Product name			Osada OPAL comfort
Medical device Approval No.			226AHBZX00022000
Classifications			Managed-care Equipment/Specific Maintenance Managed-care Equipment/ Installation Managed-care Equipment
Electricity	Voltage		AC100V (with step down transformer)
	Frequency		50/60Hz
	Current		8A
Weight			250kg
Chair	Lowest	450mm	L-type(with Tilt function)/ Comfort seat/ Manual revolution 180°/with Support arm/ Care mode
	Highest	730mm	
Table	Lowest	740mm	Cart type
	Highest	815mm	
Backrest movable range			Auto 65°/Manual 75°
Tilt			30°(Frontwards 5°/Backward 25°)
Spittoon section			Built-in type/Automatic drain water circuit/ Automatic revolving bowl
Junction Box			In the spittoon stand
Safety device			Chair emergency stop system/ Instrument first priority system/ Chair lock system
Others			Instrument cleaning system/ Turbine oil rotating system

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Osada Electric Co., Ltd. Nagoya Factory
Osada Electric Co., Ltd. Nagoya Factory

osada OPAL comfort

osada OPAL comfort
Superlatively comfortable chair for all patients

OSADA ELECTRIC CO., LTD.

osada OPAL comfort has brought into reality the“four caring thoughts” to patients.

osada OPAL comfort is the unit fully equipped with the facilities for providing the feeling of ease and safety to all varieties of patients who are physically disabled, the elderly or small children and needless to say, healthy conditioned people.

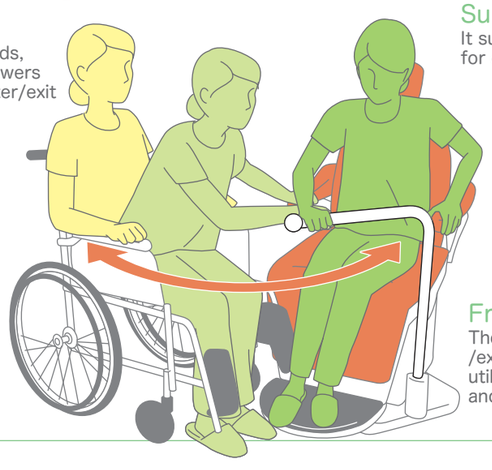
1 Caring for patient’s entry/exit

The patients who have difficulty in leg mobility or elderly people can enter/exit to/from the chair with less strain.

Chair rotation:
The chair swivels 180 ° for the patient to enter/exit to/from the side or even the back of the unit.

Front tilting:
The chair tilts 5° frontwards, the position of the step lowers and it helps patient to enter/exit to/from the chair easily.

Support arm:
It supports the body when unstable for entering/exiting from/to the chair.



From the wheel chair:
The wheel chair patient can also enter /exit to/from the chair by himself utilizing the rotation of the chair and the support arm facility.

2 Caring for patient’s safety

Various ideas for lessening the uneasy feelings of the patients.

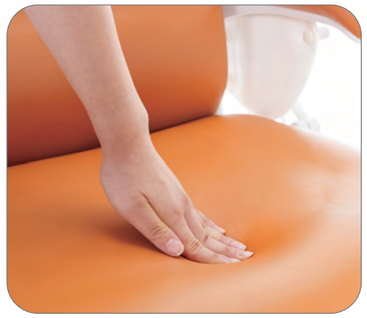
Support arm:
For entering/exiting to/from the chair with ease.

Care mode:
Gentle movement of the chair gives patients relaxed feeling for the treatment.

No jerking:
The start or stop of the chair movement does not give any shock and it helps patient not to be frightened.

3 Caring for patient’s comfortable seat

Can receive the treatment with relaxed mood.



Comfort seat:
Supports the body comfortably.

Seat tilting:
The patient with a hump back can sit at ease and receive treatment without discomfort.

4 Caring for the patient’s gargle

It facilitates the comfortable gargle for all the patients.

Automatic revolving spittoon bowl table:
The spittoon bowl table revolves automatically to face the patient with the chair movement, and the patient can gargle in an easy position.

Subtle adjustment for gargling position:
For providing easier position, backrest and the height of the chair can be adjusted finely.

Vacuum Cup:
(Optional) Vacuum cup is available for the patient not possible to use the spittoon bowl.

osada OPAL comfort has brought into reality the“four caring thoughts” to doctors and assistants.

osada OPAL comfort is the unit fully equipped with the consideration for providing doctors and assistants the pleasant feeling of treating and less stresses.

1 Caring for the comfortable treatment

Improved facility
Easier to see and use the unit

LED Operating Light (LH-M19S) equipped as standard facility:

Easier to get wider view more than ever.

Operation panel color combination:

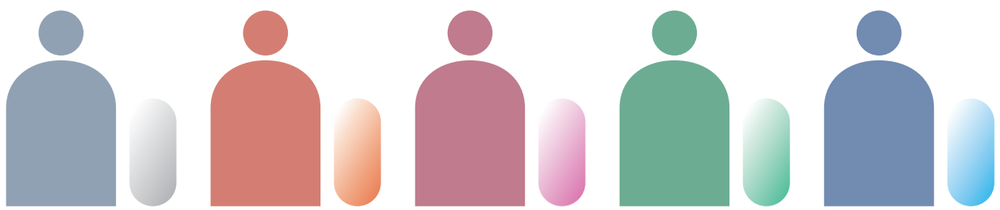
The easier colors to make out for the doctor with deterioration of vision.

Indication letter size:

The letter size is easier to read for the doctor who has even deterioration of vision.

The Color Variation

The color combination of the main body and upholstery can be selected freely by your preference.



Upholstery color	Urban gray	Smoky orange	Noble pink	Modest green	Stylish blue
The main body color	Pastel silver	Marigold orange	Aurora pink	Emerald green	Atlantic blue

The above colors may look different from the actual colors depending on the printing ink.

2 Caring for reducing the supportive work for the patient

This chair reduces the burden of helping patient, and doctors and assistants can concentrate on treatment.

Support arm:

It helps reduce the burden to support patient entering/exiting from/to the chair.

Backrest operation switch (Assistant side):

By the fine adjustment, the chair can take the best position for the patient.

3 Caring for assistant

Assistant holder:

The position of instrument holder for assistant is set higher than before and the range of movement is wider and working position to take is easier for the assistant.

Bucket filter:

Without dirtying the hands, the suction filter can be cleaned.

Sonic cup filler:

The cleaning of the plumbing around can be done by only cutting off the sonic cup filler power, without switching off the main power.

4 Caring for the safety and maintenance

Safety devices for the chair:

While the chair is on move, the movement is urgently stopped by pressing the manual switch. Moreover, while the instrument is in operation, the chair does not move by any of the chair operating switches is pressed.

Error indication facility:

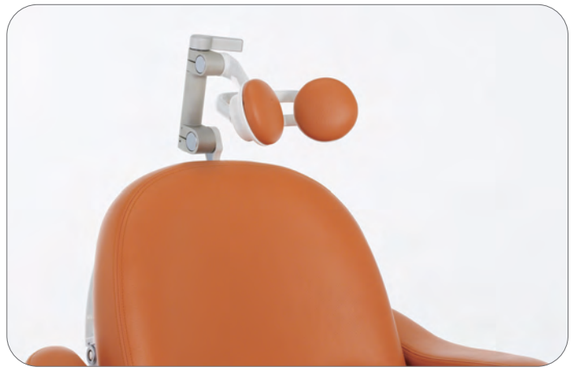
If the equipment does not work by the trouble or error, the cause and the position can be made sure from the digital indication.

First priority system: (instrument first priority circuit)

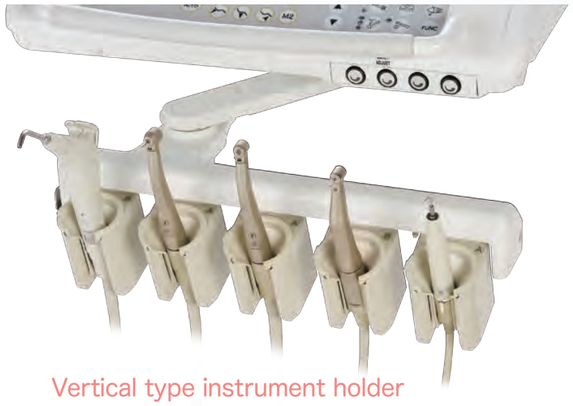
The instrument first priority circuit is incorporated and the instrument first picked up only works and not the other instrument. While the doctor is working with an instrument, assistant can exchange the bur for other instrument and the treatment can be practiced efficiently.

Option

There are considerate functions to offer to doctors as option in accordance with his treatment style.



Double-pad type headrest



Vertical type instrument holder

LED Operating light LH-M16
(4500K/5000K) (sensor switch)

LED Operating light LH-M17
(4500K/5000K) (sensor switch)

Pedal type foot controller
(with chair control)

Lever type foot controller
(with chair control)

Three-pad type foot controller
(with chair control)

Panorama viewer
(table-mount)

Dental viewer
(table-mount)

IT tablet holder

Osada safety dry-cell burner

Doctor's side backrest
operation switch

Monitor arm
(Upright column mount)

Junction box (Air vacuum system) or
junction box (with separator tank)

Accessory

The supportive accessories added to the considerate functions are available.

Luminous mirror

Medicament bottle
/cotton holder (table side)

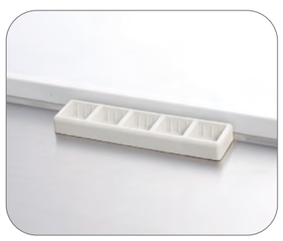
Tissue Box-B

Vacuum cup

Table mat or
table sheet (20 sheets)

Stainless tray

Waste receptacle
holder (for paper cup)



Square medicament
bottle stand

Mouse pad

Floor adopter