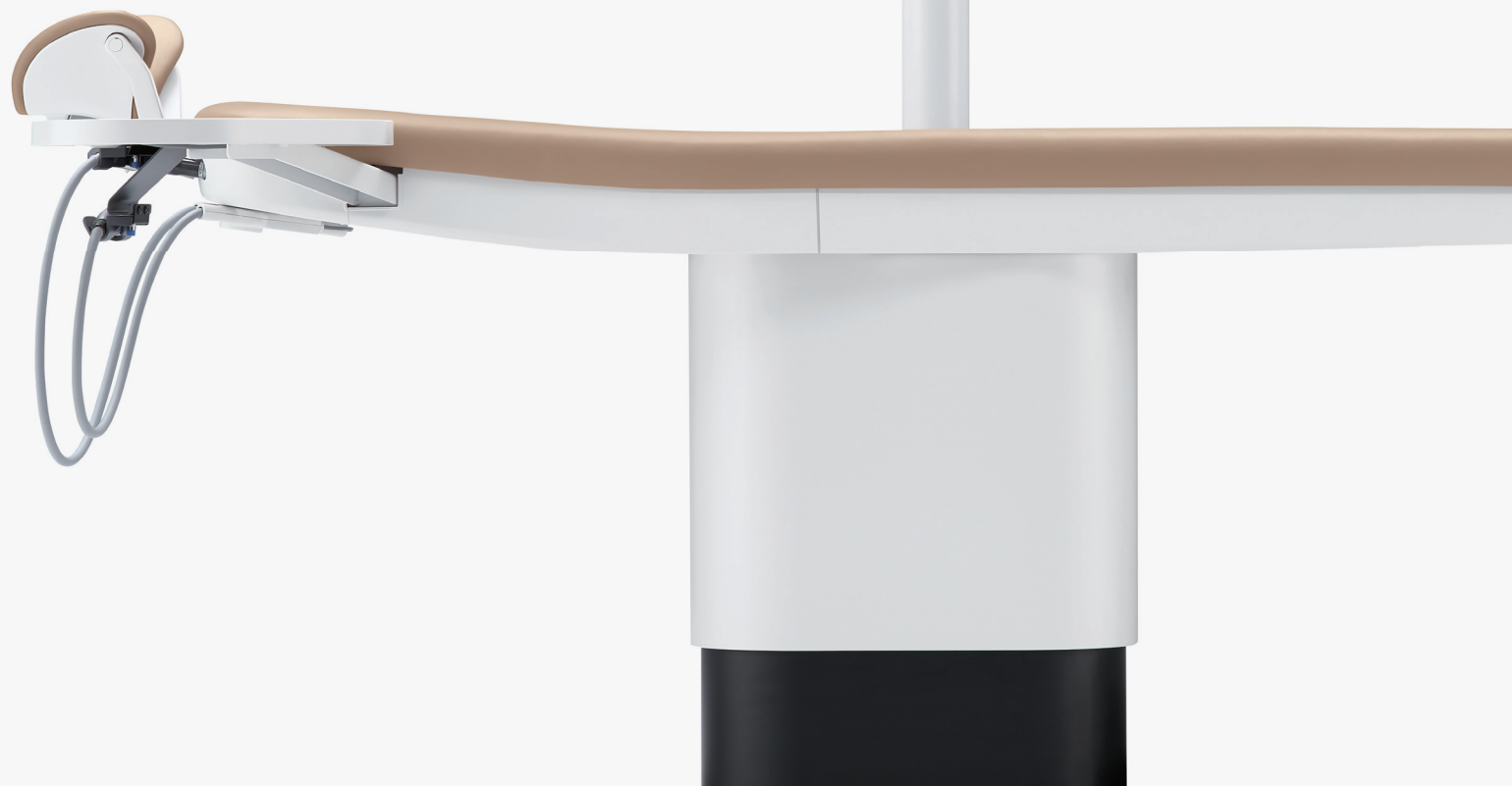




# Signo Z300



Thinking ahead. Focused on life.



# Signo Z300

## **The advantage of simplicity**

We build equipment to give dental patients better experiences and make treatment more efficient for dental practitioners.

The Signo Z300 is a flat-bed dental unit which embodies this philosophy. By limiting the number of features, we were able to create an outstanding simplified design that emphasizes maximal efficiency and minimal treatment risk.

Professionals using the Signo Z300 can enjoy a natural range of movement, thanks to the refined set of features carefully selected to facilitate efficient diagnosis and treatment.



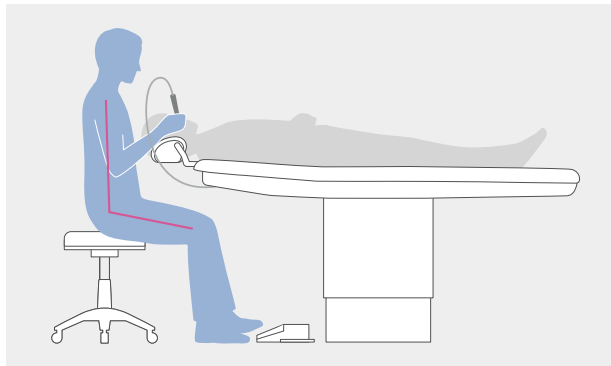
# Zero Concept for Dentistry

Ergonomic design provides advantages that can extend dentists' careers.

The benefits of increased work efficiency are not limited to patient satisfaction and improved diagnosis and treatment.

One of our goals is to help dentists in maintaining their professions late in their career.

We design our products according to ergonomic principles and encourage dental practitioners to have a natural posture and relaxed movements as they work.



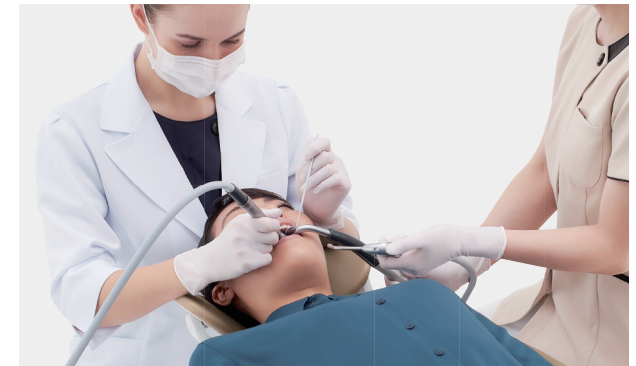
## **Natural, Relaxed Posture**

Morita equipment is designed around the people who use it. First, a space is secured in which practitioners can move freely with a natural posture. Only after that, are the various tool configurations: trays, angles and directions determined. The resulting design enables practitioners to work accurately while minimizing fatigue without compromising on speed and efficiency.



## **Four-Hands System**

Cooperation between practitioner and assistant is vital for precise dental treatment. Morita recommends the four-hands system, in which both the practitioner and assistant work with both hands during treatment. This system enables procedures to be conducted smoothly with the assistant's support.



## **Mirror Work**

Vision plays an extremely important part in dental diagnosis and treatment. By using a dental chair which permits direct and reflected vision, procedures can be conducted with a natural and relaxed posture.

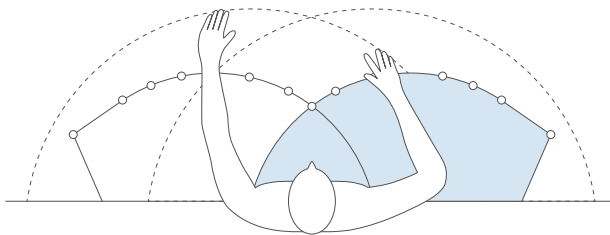
# Sustainability

Keeping ideal treatment within reach.

It would be ideal for dentists if treatment could be conducted with natural, unfatiguing motions. This however is very difficult to achieve in actual practices.

Morita was the first company in the world to make a dental chair unit that permits horizontal position treatment. The Signo Z300 is a refinement of this horizontal design that aims to provide dentists with optimal working conditions at all times.

This design allows natural arm movements to be maintained, which is one of our fundamental goals in the design.



- Maximum Working Area (Barnes)
- Normal Working Area (Squires)





# Simple and Safe

Restricting features reduces risk.

By maintaining a sharp focus on simplicity, we were able to reduce risks in various areas.



## Reduced Risk of Cross-Infection

The Signo Z300 is not equipped with a spittoon for rinsing. This helps to lower the risk of cross-infection between the patient, the practitioner and the assistant.



## Reduced Risk of Malfunction

The number of features has been kept at a bare minimum. Each component has been made highly precisely to reduce its risk of failure. This improves the durability of the dental unit itself, which helps to give it a long service life.



## Reduced Risk of Staff Infection

Thanks to the Signo Z300's easy-to-maintain design, the risk of staff being infected is reduced.



# Function



## Headrest

The headrest cradles the head securely, and pivots at the fourth cervical vertebra in three stages.



## Foot controller

All chair and instrument controls are operated by foot.

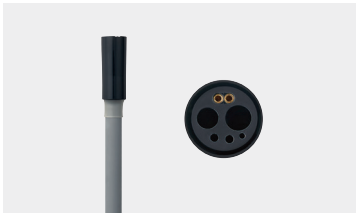


## Left- or right-handed operation (Option)

The tray and tube guides can easily be swapped over to allow left- or right-handed operation.

# Accessories

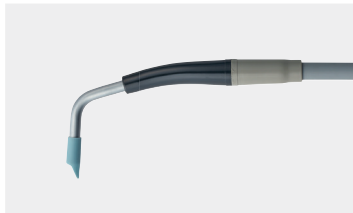
## Standard equipment



**Midwest 4H type**  
Turbine circuitx2



**Three way syringe**  
WS201x2



**Vacuum syringes**  
VS90



**Luna Vue TS**

## Options



**TwinPower Tubine 4H**  
Coupling CP4-LD



**Micromotor Torx**  
TR-S3 TR-S3-O  
TorqTech ST-DH CA-DC



**Three way syringe**  
WS12N



**Tablet stand**



**Water Tank**



**Bacteria Cartridge (air & water)**



**Auxiliary base**



**Operating Stool Z**



**Dental Suction Device**  
TCS-TS2(220V)

# Specifications

Name : signo Z300

Model : MUX

Seat lift system : electric actuator

Seat height : Max:880mm Min:610mm

Weight : Approx. 180kg

## Standard equipment

Midwest 4H type Turbine circuitx2

Three way syringe WS201x2

Vacuum syringe VS90

Luna Vue TS

Foot controller

Variable speed control function for High speed handpiece

Plumbing Pit

## Options

TwinPower Tubine 4H

Coupling CP4-LD

Micromotor Torx TR-S3 · TR-S3-O

TorqTech ST-DH · CA-DC

Three way syringe WS12N

Luna Vue TL

EL mirror

Touchless sensor

Tablet stand

Display arm

Water Tank

Plumbing Pit separate type

Bacteria Cartridge (air & water)

Auxiliary base

Turbine circuit with pressure reducing valve

Solenoid valve AC24V for Ultrasonic Scaler

Water warmer

Tray& Paper holder

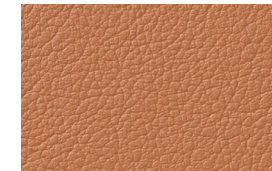
Left- or right-handed operation

Operating Stool Z

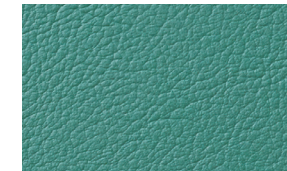
## Sheet color



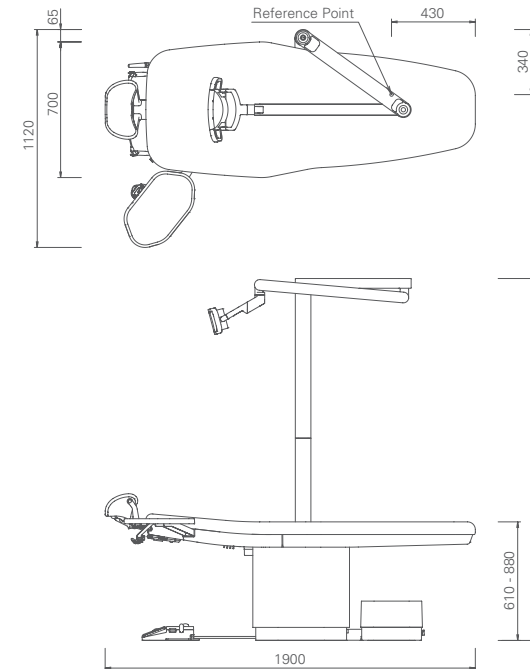
Clay (Z-BE)



Turmeric (Z-OR)



Jade (Z-GR)





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