

DESIGN BASED ON DENTISTS' REAL NEEDS  
FOCUS ON EXPERIENCE  
COMFORT AND SAFETY  
FREEDOM OF OPERATION



WOZO™ **2.0**  
DENTAL UNIT



Model	WOZO 2.0
Voltage/Power	DC22.1V/1100W
Dimensions	1600*1100*500mm
Motor Voltage	24V
Water Source Pressure	2kg/4kg
Air Source Pressure	5kg
Net Weight	220kg

**WOSON MEDICAL INSTRUMENT CO., LTD.**  
Add: NO.25, Lane 300, Jinshan Road,Jiangbei District,Ningbo 315032, China  
Tel: 86-574-8302 2668      Fax: 86-574- 8763 9376  
E-mail: overseas@woson.com.cn      Web: www.wosongroup.com



# CLASSIC DESIGN

This patient-oriented product comprises years of our research and practice with classic design and powerful performance. This all adds up to a perfect and comprehensive dental unit for professional dentists.

## CHAIR FRAME

### Driving Motor

Taiwan brand TIMOTION driving motors  
Quick motor in the backrest  
Full trip in only 9 seconds

### Bottom Plate

14 mm thick iron plate with whole surface reinforced ensures enhanced stability

### Armrest

Personalized and rotatable armrests  
Convenient for patients to enter and exit the treatment chair

### Lower Chair Position

The chair's lowest position is only 380 mm  
This provides a more comfortable medical experience



### Integrated Precision Die Cast Chair Frame

Aluminum alloy material combined with high quality precision casting  
The process ensures better bearing capacity and assembly accuracy

### Trendelenburg Position

Chair backrest has an obtuse angle design with up to 12 degrees compensation angle, This allows for emergency treatment when patients lose consciousness

### Collision Protection

When a moving chair touches the foot or encounters obstacles, it will automatically return to its original position thus avoiding any possible injuries to doctors or patients

### Junction Box

Layout that ensures separated power and water supplies  
Electrical system with independent shell protection  
Water, air and electricity effectively isolated  
This construction eliminates the risk of short circuits, is safe and reliable

### One-button Water/Air/Electric Switch

Automatic drainage, keeps the air inlet dry,  
Automatic pressure relief - prolongs the piping lifetime

### Italian Water Pressure Reducing Valve

High quality water pressure reducing valve ensures constant water pressure output to avoid the risk of excessive water pressure caused by unstable piping

### High Quality Air Pressure Reducing Valve

Constant air pressure output to avoid the risk of excessive air pressure caused by unstable air source, Ensures smooth operation of pneumatic elements





# CONTROL BOX

## Rotatable Control Box

90°rotatable control box for easy four-hand operation  
Magnetic snap side plate for easy maintenance

Rotatable control box can easily enter a consulting room through standard 80 cm door, without removing or reinstalling the box. Huge improvement of installation efficiency

## Water Bottle

Large 1000 ml external water bottle, transparent and easy to use, allows real-time control of water use, external water source switch

## Removable Spittoon

Convenient, large and removable spittoon with 90° independent rotation range

## Disinfection System

One-button pneumatic piping disinfection system,  
Just replace the clean water bottle and disinfect the piping

## High/Low Suction Filtration System

High and low suction filter with slanting insertion to prevent contaminants from flowing out during insertion and removal,  
Easy to clean and replace

## Backflow Prevention System

Effectively prevents water backflow into handpieces, helps avoid cross contamination of the pipes

## Heating Boiler

Stainless steel thermostatic water heater with anti-dry burning detector and 24V safe voltage,  
Guarantees rapid heat transfer and reliable constant temperature

## External Piping Layout

External piping can be directly connected to the chair or junction box,  
More efficient water drainage, helps avoid the smell connected with water backflow after long-term use

# DENTIST ELEMENT

## Hanging Hoses Instrument

Classic design, appreciated by users all over the world  
Elegant lines, stable movement  
Space for up to 6 instruments with wide workspace tray

## Interlock Function

The instrument tray and chair interlock function ensures safety when using pneumatic terminals

## Table Arm

Precision manufactured holding arm ensures smooth movement without shaking

## Top-mounted Instrument Tray

Effective prevention of contamination caused by tube mopping and avoidance of contact with feet during operation,

Spherical rotation design, pulling rod that can be pulled sideways, dragging feel reduced almost to zero,  
Ergonomic design reduces doctors' wrist and arm fatigue

## Control System

Stepless start & stop function to make the motors start smoothly and buffer stops,  
Reduces frustration and enhances patient comfort

Lamp & chair linkage function allows the lamp to automatically turn off when the chair starts moving and turn on again after the movement has been completed

Emergency brake function allows chair control and stopping any movement immediately when the emergency brake button is pressed. Press again to restore movement

## Integrated Membrane Valve

Imported membrane, internal valve construction,  
Increased valve body volume and thickened walls to ensure stability and effectively reduce the possibility of air leakage

Spittoon flushing & lamp linkage allows the lamp to automatically turn off when the spittoon position button is pressed, spittoon flushing will be performed automatically  
Press the button again and the chair will go back to treatment position and the lamp will automatically turn on again

Another emergency function ensures the seat and backrest can be still moved to any required position in case of angle sensors failure, only the memorized chair positions will not be available



A Variety of  
Colors to Choose



Color Options for Fiber Leather

- W01**  
Sapphire
- W02**  
Rock
- W03**  
Turquoise
- W04**  
Ruby
- W05**  
Green Apple
- W06**  
Hazelnut
- W07**  
WOSON
- W08**  
Chocolate
- W09**  
Lemon
- W10**  
Orange
- W11**  
Cocoa
- W12**  
Black Plum

Color Options for PU

- #1**  
Black Plum
- #4**  
Lemon
- #7**  
Lake Green
- #11**  
Grass Green
- #20**  
Dark Blue
- #23**  
Sky Blue



Upholstery



Backrest

Thickened fiber leather backrest, comfortable and reliable, Its butterfly shape with two folding wings provides better support of patient's upper body while doctor's legs can be freely positioned very close to the patient

Seat Cushion

Ergonomically designed, fits the natural curves of the human body, Better support to provide better clinical experience

Metal Support Plate

Aluminum die cast backrest support plate, Safe and reliable with stronger stability

Headrest

Double joint wrench type adjustable headrest with precision die cast aluminum housing, Larger adjustment range to achieve the best support and treatment position each time  
Optional headrest protective silicone cover for easier cleaning





# Assistant Console

## Double Joint Assistant Tray

Double joint bracket, wider moving range and easier positioning,

Inclined ladder structure and wider space for more comfortable four-handed operation

## 12-button Assistant Control Panel

Equipped with additional auxiliary functions gives the assistant more operation possibilities

## High/Low Suction with Time-delay Closing

High and low suction ejectors with 5 seconds time-delay closing function, Allows to effectively remove the residual saliva and blood from the tubes to prevent cross-contamination



# The Lamp

## EDI LED Dental Lamp (Optional)

The world's no 1 dental lamp, designed and manufactured in Italy, 70 years' experience in lighting, excellent design with patent combined with top performance

Light Intensity: 3000-35000 Lux  
Light Range: 100\*180mm  
Color Temperature: 5000K (Any light intensity)  
Shadow Elimination Effect: 9\*6mm (ellipse net shadow)

## LED Dental Lamp

An attractive LED dental lamp with high color rendering, Close to natural light, well restores true colors, Effectively relieves the fatigue of long time operation

Light Intensity: 7000-30000 Lux  
Light Range: 80\*160mm  
Color Temperature: 4500K and 5300K  
Shadow Elimination Effect: <φ8mm

## Lamp Post&Arm

The lamp post has a limited rotation range to avoid collisions with the wires, Equipped with monitor mounting holes; the monitor can be added at any time in the future, Monitor post available as an option



## Multi-function Foot Control

The multi-function foot switch allows to control seat and backrest movement, handpiece speed, chip blowing, spittoon flushing and the dental lamp

Handpiece speed can be adjusted by pressing intensity

## Overall

### Water/Air Piping

Imported polyether piping with strong corrosion and explosion resistance and enhanced stability

### Solenoid Valve

Each solenoid valve is additionally equipped with a stainless-steel filter to avoid leakage caused by impurities, which considerably prolongs their life and disallows impurities' access into handpieces to avert their damage

### Handpiece Tube

Imported handpiece tubes; durable with high corrosion resistance, harder and more difficult to break

### Dentist Stool

Dentist stool with adjustable seat & backrest; comfortable to sit, firm in structure and smooth to move

### Drainage Pipe

Enhanced food grade steel wire PVC drain pipe; strong, durable and corrosion resistant



## Configuration Description

Component	Item	Qty
Illumination System	LED oral lamp	Chinese highlight LED dental lamp
Dental Chair	Imported motor driving system	TIMOTION
	Chair position angle compensation	1 set
	Stepless start&stop, Lamp&Chair linkage	1 set
	PP soft backrest	1 set
	Anti-collision protection system	1 set
	Instrument tray&Chair interlock function	1 set
	Programmable position system	2 set
	Half memory foam seat	1 set
	Rotatable armrest	1 set
	PU upholstery	1 set
	Crystal PU footmat cover	1 set
	European standard hanging delivery / top-mounted instrument tray	1 set
Dentist Element	Imported handpiece tube	1 set
	Multi-function 3-way syringe	1 set
	Built-in X-ray viewer	1 set
	Multi-function control panel	16 buttons
	Rotatable and removable glass spittoon	1 set
Control Box	Pneumatic high and low suction system	1 set
	Built-in water purification system	1 set
	Adjustable pneumatic water valve	1 set
	Manual disinfection system	1 set
	High quality solenoid valve	1 set
	Thermostatic dry-burn proof water heater	1 set
	Imported water and air piping	1 set
	Multi-function 3-way syringe	1 set
Assistant Console	High and low suction ejectors	1 set
	Multi-function control panel	12 buttons
	Built-in type	1 set
Junction Box	Water/Air/Electric switching system	1 set
	One-button water/air/electric switch	1 set
	Water source purification system	1 set
	Air source purification system	1 set
	Water pressure reducing valve	1 set
	Air filtration pressure reducing valve	1 set
	Imported water filtration pressure reducing valve	1 set
	Imported water and air piping	1 set
Dentist Stool	Multifunctional comfortable and adjustable dentist stool	1 set

Optional Part	Qty
FARO EDI LED dental lamp	2 set
Fiber leather Upholstery	1 set
High-speed handpiece	1 set
Low-speed handpiece	1 set
Monitor system	1 set
Ultrasonic scaler	1 set
Curing light	1 set
Dental air compressor	1 set
Double bottle electronic control disinfection system	1 set
Ultraviolet light disinfection instrument	1 set
Assistant console tray	1 set