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# ajax

Quality Creates Value Detail Makes Difference

## AJ16





# Luxury Advanced Modern

AJ16 is one of our advanced dental chair, we specially designed for American market, with our concept "Luxury, Advanced, Modern", aim to satisfy the clinical professional needed and provide patients with comfortable wide chairs, exerting the human engineering.





# Efficient Safe Profession

Upgrade your Clinic





# Efficient four hands operation

Compared to the traditional single doctor operation, four hands operation is a high-efficiency operation, which can improve the doctor efficiency by 30% to 78%.



## 1.5L Large water bottle

It is convenient to load pure water and disinfectant.



## Water bottle one switch control

One switch insted of two switch, it's simple and easy to operate.



**Rotatable water unit**  
design for four handed dentistry and convenient maintenance.



## Fast Motor

The backrest can complete restoration in 9 seconds.



## Double pivot arm for assistant table

Easy for assistant to find a suitable position.



## 10 function assistant control panel

Convenient for assistant to control the function of dental chair.



## Lamp-chair ganged

LED lamp will be off automatic when press the program button, and it will be on again when reach the treatment position, that can improve the working efficiency.

## One Button restoration

Button "R" can change the chair between working position and initial position easily.



## Multi-function foot control

Including chair control, instrument panel. Rinse and cup filling.



# Satisfy the professional request

Oral treatment requests doctors and nurses with high expertise. Our AJ16 with different special design, can meet each professional Demand.



## New design filter

Better filtration performance sealing against leaking, stronger suction power easy disassembling and cleaning, more durable.



## Auto water draining system

The water will drain out automatically after the switch being turn off.



## Metal suction handle

Metal suction handle with adjustable switch.

## Surface bearing level arm

Our chair can make the instrument move smooth, easier for doctor during the treatment.



## water/air purification system

Our chair with dual water and air filtration system, can make the water and air cleaner.

## Hand piece power stable system

Water and air in the hand piece can keep stable when outside water and air pressure are not enough.





# Safety and Hygiene ensurance

We aim to provide a safety and hygiene environment to both dentists and patients.



## Handpiece anti flow system

To prevent infection through the pipeline between patients.



## Suction delay off system

5 seconds delay off to ensure suction pipelines is completely emptied.



## Independent dual water bottle

Easier to disinfect the pipeline, reduce the cross infection in the pipeline keep the equipment cleaning.



## Water/Air/Power one switch on/off control system

Prevent high water pressure at night to extend pipelines life after doctor finished work.



## Enclosed electric safety box.

Designed with European standard, prevent moist and electromagnetic interference.



## Chair and instrument locking system

The chair movement being locked during the instrument in operation.





# Patient feeling comfortable

AJ16 dental chair can give a very comfortable feeling to the patient which can help them to reduce their fears and create relaxing during treatment.



- **Comfortable headrest**  
Hook face headrest can fix the patient head better.
- **Comfortable backrest**  
Backrest with special "U" line, it's fit for the patient perfectly, the whole back of the patient can be supported.
- **Human engineering design dental chair**  
Exerting human engineering makes the chair match the body very well. Ergomotion chair helps patients reduce their pushing feeling during the treatment.
- **Ultralow chair entrance position**  
Our chair with ultralow chair position, easy for children and old people to get on and off.
- **High abrasion resistance sewed ultra-fiber Leather upholstery**





# Healthy working

In the daily job, request dentist to keep the same position for several hours, it will hurt their cervical-vertebra and lumbar vertebra. Our chair and stool can give dentist a comfortable position. relieving the fatigue of muscle commendably. Prolong career of dentist and improve the quality of life.



## Dental light with sensor



Deluxe dental light with larger light area and sensor control.



### Close to patient freely

The curve design on the backrest, makes the assistant can maximum close to the treatment area.



### Sumptuous space for legs

Pear-shaped backrest not only enables ergonomic access to oral cavity for dentists but also makes large comfort for patients.



### One Button restoration

Button "R" can change the chair between working position and initial position easily.



### D3 Doctor Stool with 6 fuction

Support healthy seated posture for doctors. Backrest, Height and angle of the seat are adjustable. Whisper quiet caters provides smooth, ultra-quiet movement on hard flooring.



# Reliable Stable Durable



**Aluminum cast water unit frame**  
Aluminum casting materials, ensure the instrument and light stable.

## Stable water unit

New water unit frame by aluminum alloy casting, improve the chair stable stability.



**Cast aluminum alloy patient chair**



## New design filter

Better filtration performance sealing against leaking, stronger suction power easy disassembling and cleaning, more durable.

## Rotatable spittoon

Convenient for patient to spit, and easy to clean.

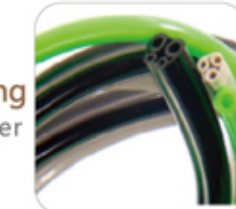
## Water bottle one switch control

One switch insted of two switch, it's simple and easy to operate.



## American made tubing

All internal air and water pipelines are sourced from America.



## Individual air water valve

Each tube with individual valve make the valve durable.



## Water/Air/Power one switch on/off control system

Prevent high water pressure at night to extend pipelines life after doctor finished work.



## Enclosed electric safety box.

Designed with European standard, prevent moist and electromagnetic interference.



## Standard configurations

### Dental light

Faro EDI without sensor

### Patient chair

- Ergonomic chair
- Seamless upholstery
- Articulated headrest
- Rotatable armrest
- Chair-instrument safety lock system
- 3 programmable work positions
- Multi-function foot control
- Fast Motor
- Cast aluminum alloy patient chair.

### Delivery system

### Hanging hose system

Silicon pad for tray  
Air turbine hose x 3  
Three way syringe  
Panoramic x-ray viewer  
15function control panel

## Assistant

- Three way syringe with warm water
- HVE with adjustable switch
- Saliva ejector
- 10 function control panel

## Water unit

- Rotatable glass spitting
- Clean water bottle system
- Disinfectant system

### Junction box

Integral junction box  
Water/Air/Power one switch  
control system  
Hand piece power stable system  
Dual water/air purification system

### Dental stool

D3 dental stool with  
6 functions

## Options

- |                                |                        |                             |
|--------------------------------|------------------------|-----------------------------|
| -Faro LED light(made in Italy) | -Built-in scaler       | -Top mounted delivery table |
| -Fiber leather upholstery      | -Built-in curing light | -Assistant stool            |
| -Monitor with arm              | -High speed handpiece  | -Cart system                |
| -Intraoral camera              | -TKD micromotor        | -Fiber optic system         |

**Color sample**

Ultra fiber leather



U1 Brown   U2 Champagne   U3 Blue   U4 Green   U5 Grey   U6 Cobalt Blue   U7 Misty Grey   U8 Orange   U9 Red   U10 Wine Red   U11 Grass Green

PU colors



S1 Light Blue S2 Indigo S3 Navy Blue S4 Dark Blue S5 Light Green S6 Yellow S7 Orange S8 Pink S9 Apple Green S10 Dark Green S11 Silver S12 Lemon Yellow

## Dimensions

units : mm

