

 **SIGER**
U200 / U100



CNC Machining Base

Along with the establishment of CNC machining base

- The quality of metal parts with standardized production is stable.
- The metal parts are much precise.
- Working efficiency is greatly improved.

U SERIES U200 / U100

Exceed your expectations



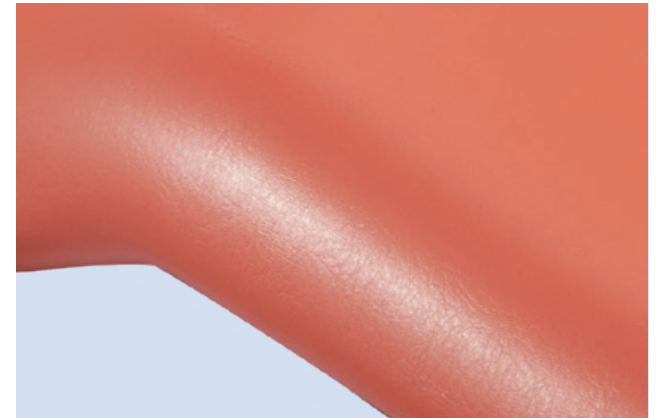
U100



U200

Comfortable patient chair with Ergonomic design

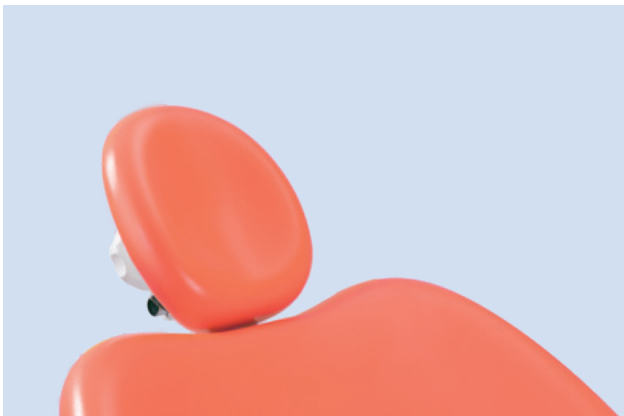
- Unique ergonomically-designed backrest and dual-jointed headrest for different body size of patients.
- Safety switch stops the patient chair moving down in the presence of obstacles and the chair will move up a little bit.
- Angle sensor ensures accurate chair position memory and no cumulative error.
- Superior plastic support plate of upholstery is hygiene and durable.



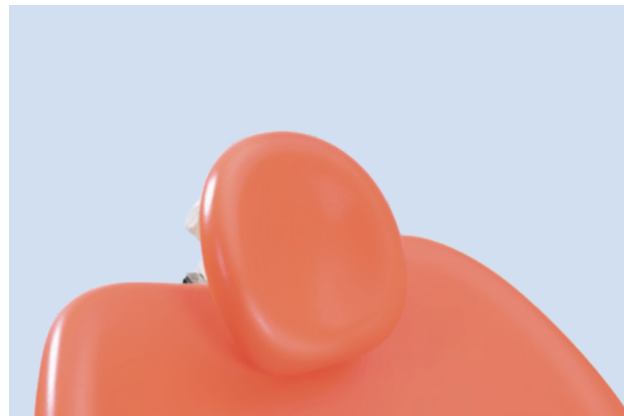
- Chair movement protection, safety cut-out stops the chair and back rest from moving down in the presence of obstacles. The chair or the backrest will move up a little bit to avoid unexpected harm
- The scientific linkage design of the patient chair backrest and seat can greatly reduce the patient's feeling of stretching and squeezing during chair movement.



Scientific headrest design can meet the needs of different patients



Adult position



Children position



Special-need position

Ultra-wide patient chair keeps comfortable for longer treatment needs

Extremely Comfortable

- The patient chair is ergonomically designed so that patient's weight on the chair is evenly distributed. The body can remain relaxed even after prolonged treatment.
- The patient's head, shoulders, arms, waist and legs are well supported by the wide backrest and seat.
- The seat bending angle increased, the patient remains comfortable posture during the treatment.
- The SmoothControl chair comforting system makes the start and stop stable with sudden move.

Convenient and Safe

- 380mm ultra-low chair position which is convenient for children and the elderly people.
- The installation of upholstery is convenient and simple.

High quality materials and production process

- High strength steel makes patient chair firm and stable.
- The patient chair adopts full injection molding covers and seat lining board, which is hygienic and durable.



U200



U200 | Practical and intelligent design

- New simulating electronic control technology, 7-inch touch screen with powerful and diverse functions.
- 3 doctor programs meet the needs of personalized setting for multiple users.
- The working status of dynamic instruments are displayed on touch screen graphically.
- Intelligent linkage program by only one button to control cup filling, bowl rinsing, chair position and operating light on/off.
- Anti-suction system of dynamic instrument reduces iatrogenic infection
- Instrument interlock: When one instrument is working, the others are locked safely to prevent accidental injuries and improve work efficiency.



Whip arm version



Hanging version



- Dynamic instrument working status is clearly displayed on screen.



- On/Off of all the dynamic instruments can be controlled by the photoelectric sensors.



- Anti-suction system of dynamic instruments to reduce the probability of iatrogenic cross-infection.

U200 Assistant Element

- 11 buttons touch control panel for assistant element can control chair position, operating light, cup filling and bowl rinsing.
- Photoelectric sensor System controlling on /off of HV suction and saliva ejector.
- After suction handle is put back on the hanger, suction power will be kept for 3 seconds to drain the contaminant inside the tubes for reducing the cross-infection.



U100 | Convenient and efficient design



- 3 doctor programs with 15 memory position in total for multi-user personalization.



- Optional fast connection System for dynamic instrument provides great convenience for disassembling the pipes, cleaning and disinfection.



- Removable silicon pad of instrument table for cleaning and sterilization



U100 Dentist Element

- New-designed control panel with sensor buttons, easy to clean and durable.
- 3 doctor programs and 5 memory positions for each doctor.
- Intelligent Linkage program by only one button to control cup filling, bowl rinsing, chair position and operating light on/off.
- Cup filing and bowl rinsing time can be set accordingly.
- Interlock between instrument and chair When instrument is taken, movement of chair is Locked.
- Option of swing version, hanging version.

U SERIES | Multifunctional foot control

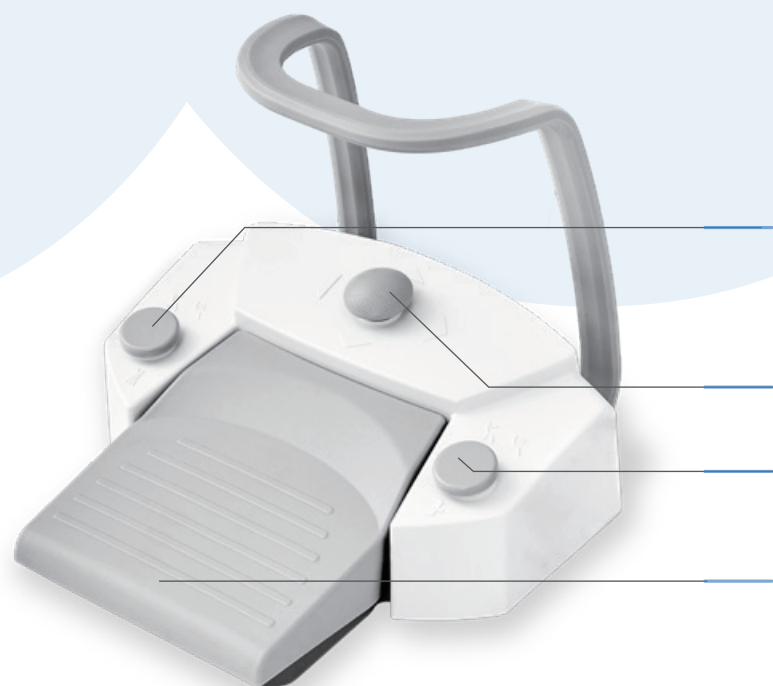
Pedal- type foot control and lever- type foot control is selectable.



U200 lever- type foot control

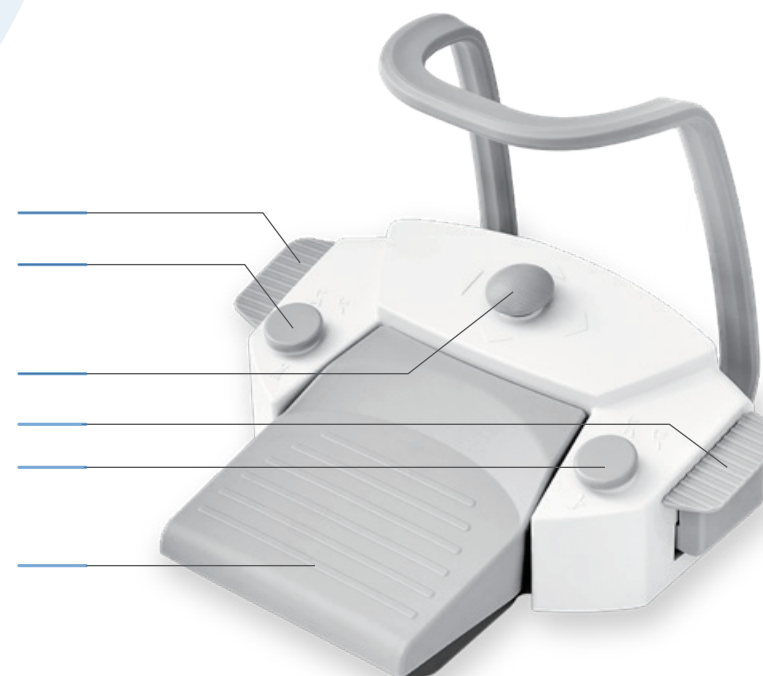


U100 lever- type foot control



U200 Pedal- type foot control

- Rinsing position
- Preset position A
- Dynamic instruments working with / without water
- Chair position adjustment
- Zero position
- Preset position B
- Handpiece chip blow
- Dynamic instrument working control



U100 Pedal- type foot control

U SERIES | Operating Light




SIGER V1

LED

4300K

8000-30000LUX

70 x 140 MM (@700 MM)

12 -24 Vac

15 VA



SIGER V2

LED

5000K

8000-30000LUX

80 x 150 MM (@700 MM)

12 -24 Vac

6 VA



SIGER V5

LED

3000-5500K

8000-35000LUX

90 x 200 MM (@700 MM)

12 -24 Vac

18 VA



SIGER L500

LED

3300-4300K

33000-130000LUX

ƒ 120-200 MM (@ 1000 MM)

12 -24 Vac

25 VA

Brand/Model
Technology
Color Temperature
Intensity
Light Spot
Voltage
Consumption

U SERIES | Unique Hygienic Design



▪ Detachable ceramic spittoon for cleaning



▪ Distilled water bottle/liquid disinfectant bottle(optional)



▪ Detachable cup filler for cleaning



▪ Detachable suction system for cleaning



▪ U200/U100 BioTude™ flushing and disinfection system

U100



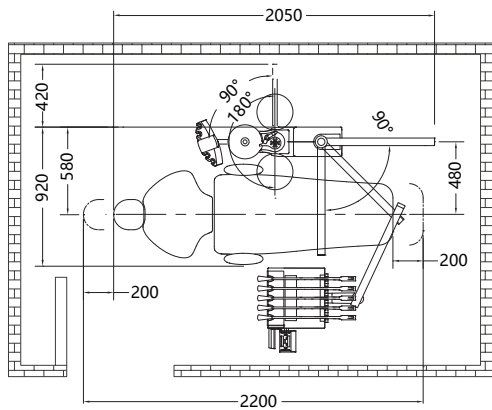
Standard upholstery color



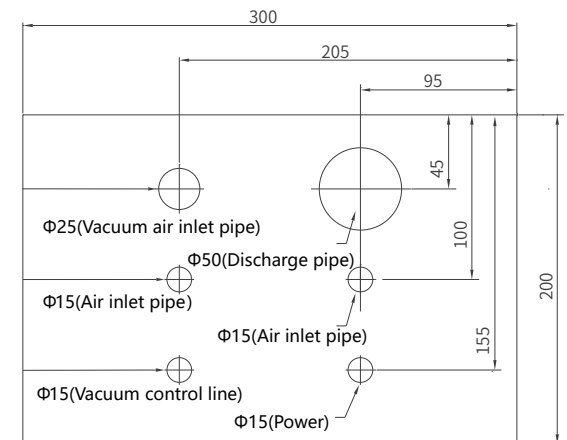
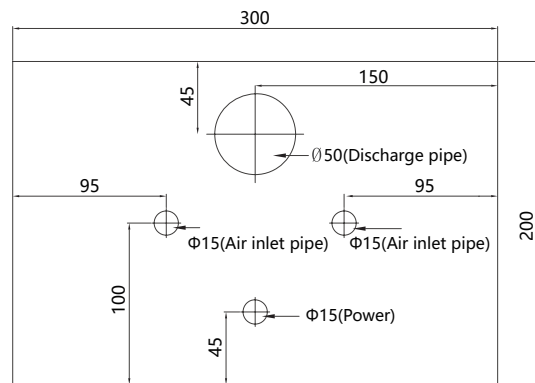
Italian upholstery color



Dimension



Layout of floor box holes



U200 / U100



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