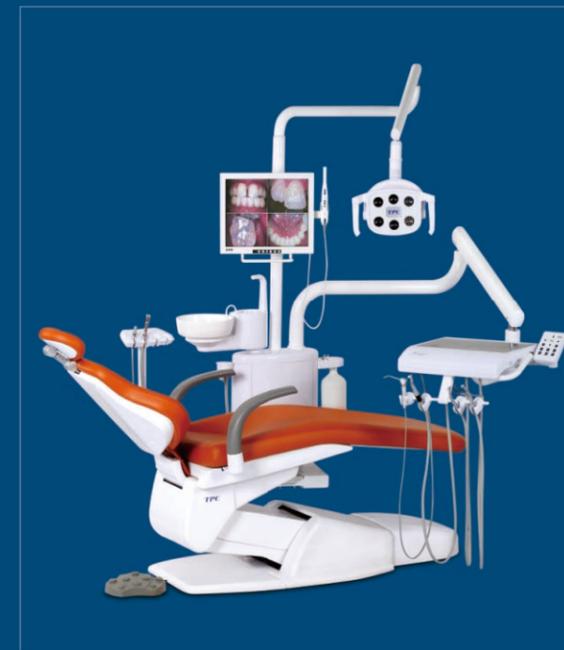


TPC

Mirage / Laguna Dental Unit



TPC *Mirage*
Laguna



TPC Advanced Technology, Inc.

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www.tpcdental.com



Mirage

M4000 Hydraulic Patient Chair



Articulating dual axis headrest

Headrest rotation allows for optimum positioning of the oral cavity without the need to reposition the chair



Swing-away armrests

Help easy entry and exit from the chair



Seat rotates 30° to left or right

Seat rotates 30° to left or right from center to accommodate different working styles and to maximize access to intraoral x-ray system



Linked Compensation

Seat inclination will be adjusted according to backrest movement, to keep patient in a best position.

Mirage | Luxury Design

TPC Mirage series dental chair have been sold in the USA for more than 10 years. It pays attention to the scientific, stable and high economy of product. Now we introduce this product to worldwide with its advantage simply, fashion and durable, you can enjoy the American Luxury dental chair with low cost.

Safe and Reliable

1. Chair will rise automatically when encountering obstacles.
2. All functions will be temporarily turned off when using handpiece.
3. Any button on the foot control can cancel chair movement.

3 years warranty



Hydraulic motor system speed can be adjusted to ensure the patient remains comfortable as the chair changes position smoothly and silently.

Hydraulic motor provides smooth and quiet movement max. weight load 220kg.



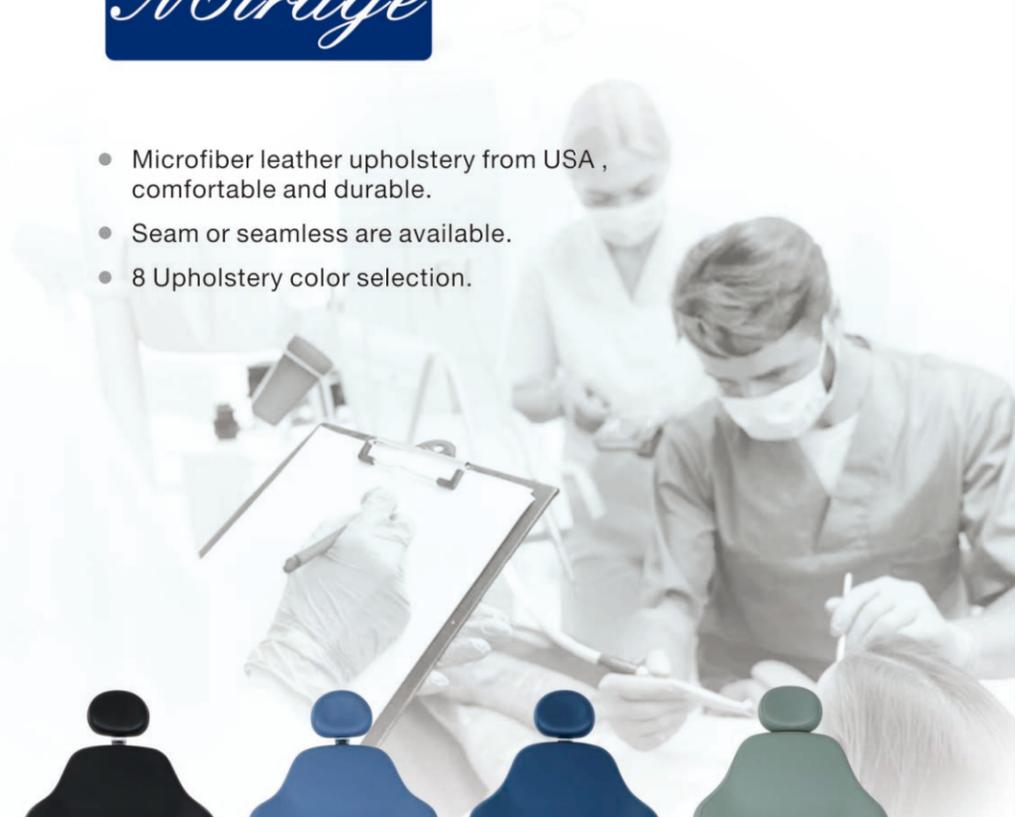
Seam



Seamless

Mirage

- Microfiber leather upholstery from USA , comfortable and durable.
- Seam or seamless are available.
- 8 Upholstery color selection.



DU-06
Desert Rose



DU-15
Grey Teal



DU-18
Taupe



DU-19
Greystone



DU-100
Black



DU-201
Atlantis



DU-300
Cobalt



DM02
Lake Green

Mirage

Mirage Doctor Stool / Assistant Stool



DR3102
Doctor Stool



AS3101
Assistant Stool (Optional)

- Curved saddle seat and backrest can be adjusted to provide a comfortable sitting posture for long time operation.
- Cast aluminum base is solid and durable.
- 8 Upholstery color selection.

- Stool arm can be rotated 360° easier for assistant to help doctor for operation.
- Foot pedal height is adjustable, fit for different sitting posture.
- Cast aluminum base with durable wheels ensures smooth movement.

Mirage

MP4000 (A)
Standard Type
(Holder Type)



Mirage

MP4000 (B)
Continental Type
(Up Mounted Type)



Mirage

MP4000SW (A/B) (Swing Mounted System)



MP4000SW (B)



MP4000SW (A)
Standard type instrument
tray is available

Rotatable instrument holder
arm pivots from under the seat,
eliminating the pressure on
patients caused by the arm of
the instrument tray.

Mirage

TPC's luxurious and multifunctional dental units

- Durable tubing of air, water and handpiece, solenoid valve and 3 way syringe are from USA.
- Anti-suction system for handpiece tubing to prevent cross infection.



Optional item:

- Equipped with tubing disinfection system.
- Patented design, tasteless, super sterilization function.



- 180° rotatable spittoon base.
- Flexible spittoon easy to clean.
- Electronic control of spittoon flushing time.



- The assistant position also comes with a full function control panel.

Mirage

MP4000
Luxury Design



Auto water supply system

180° Rotatable spittoon base
Flexible spittoon easy to clean
and sterilize

Assistant position with full
function control panel

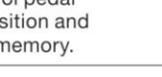
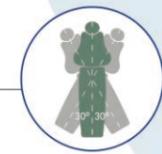
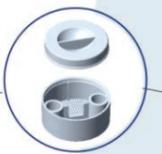
Prevents tubing clogging and
easy for replacement, reduce
the risks of cross infection.

Hydraulic patient chair with
wide back and full lumbar
support

Rotating armrests left or right

Seat can rotate 30° to left or
right from center for different
usage needs.

Multifunction foot control pedal
with 3 sets of sitting position and
1 set gargling position memory.



TPC LED post mounted light
with adjustable luminance
range, 8,000-30,000 Lux

Arm joints with bearing for
smooth movement

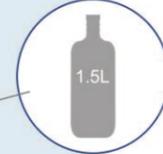
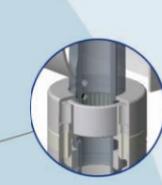
1.5L volume pure water
supply system

Main cleaning switch, remove
impurities from handpiece
tubing and protect handpiece

Master switch for air and water

American Freelin-Wade tubing
with durable, high performance

Durable hydraulic motor with heavy
weight capacity and driving speed
adjustable



Laguna

L2000

Electromechanical Patient Chair



Laguna

LP2000 (A/B)

Standard Type
(Holder Type)



LP2000 (B)
Continental type instrument tray is available

LP2000 (A)



- 2 types of Upholstery Seam (Fiber Leather) or Seamless (PU Leather)
- 8 Upholstery color selection.



Laguna Doctor Stool / Assistant Stool



DR045
Doctor Stool



AS047
Assistant Stool (Optional)

Ergonomic designed to ensure a comfortable sitting posture during long time operation.



MP4000 Light Head
4 bright LED, 2 yellow LED



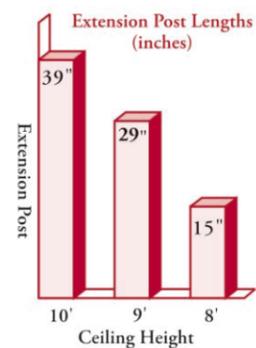
LP2000 Light Head
6 bright LED



L550-LED **L570-LED**
Ceiling mounted

Lustruos LED Operatory light

- LED light arm made of high carbon steel spring, with 3 axis design, easy to swing.
- Color Temperature 5000K, LED luminance adjustable range 8,000 - 30,000 Lux.
- Light pattern (illumination area) 100mm x 180mm @ 700mm.
- Inductive switch for adjust luminance easily, with manual switch as well.



Different length of extension post are available for different ceiling height (8' / 9' / 10')

Optional

Other hot sale products

TPC have own production line for manufacturing Intraoral Camera, LED Curing Light, Scaler, Place Selection Valve and etc. To ensure we can provide the best quality and fast response after sales service.



DC701
Silent Oil Free Air Compressor



WV3 / WV5
Wet Suction Unit



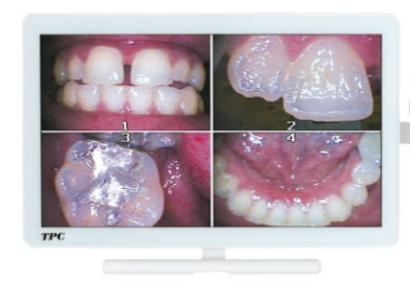
SV-100
Place Selection Valve



ADV800
Built-in Ultrasonic Scaler



MO17+AIC5888
Multimedia Monitor / Camera Combo



PC22+AIC5899
22" Computer / USD Camera Combo



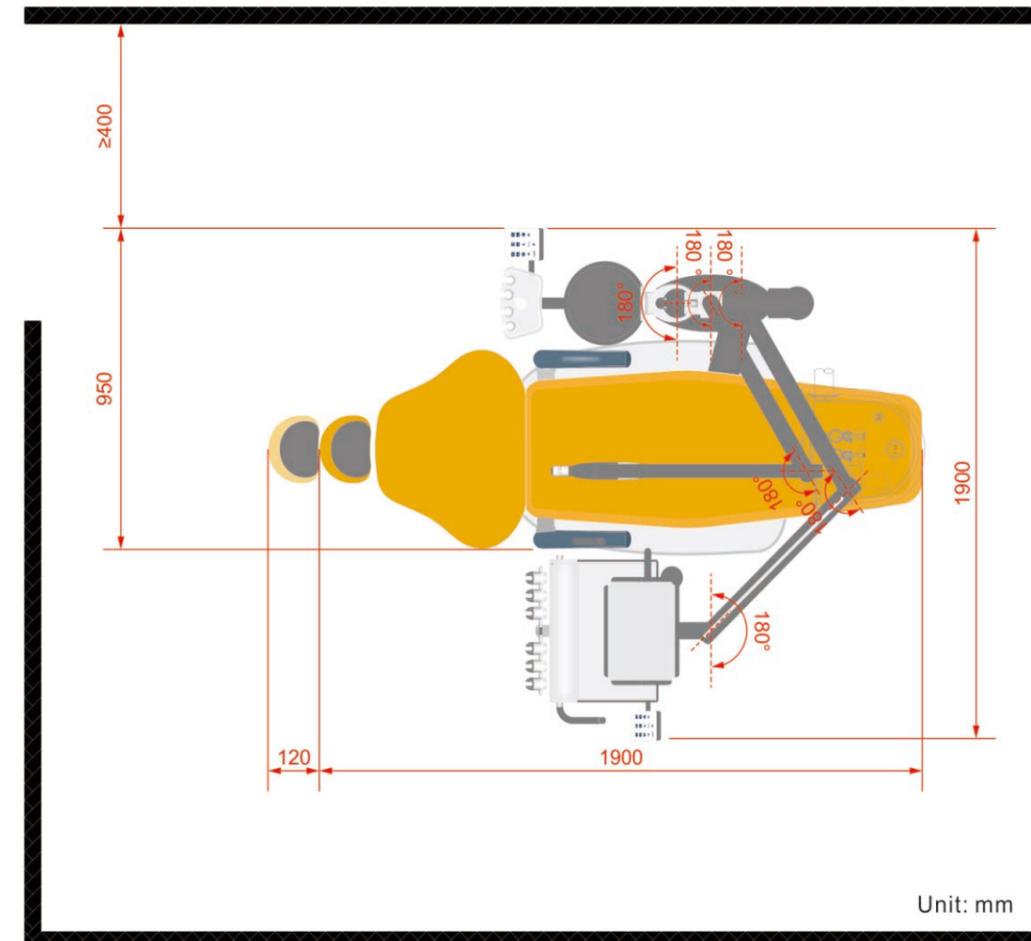
Standard LCD Monitor Bracket / Extended LCD Monitor Bracket



LED55B / LED39B
Built-in Curing Light

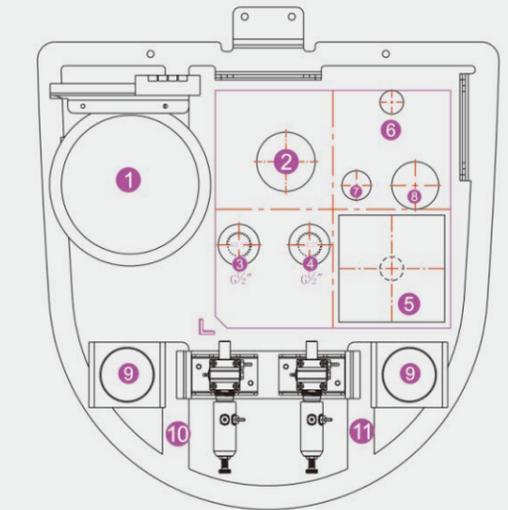
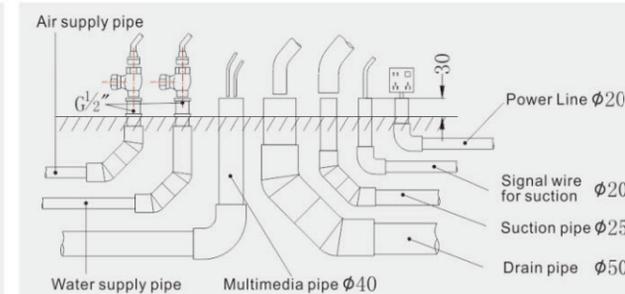
Configuration	MP4000	MP4000SW	LP2000
Hydraulic Dental Chair Unit	•	•	-
Electromechanical Dental Chair Unit	-	-	•
Seat rotates 30° to left or right from center	•	•	-
Balance Arm of instrument tray	Post Mounted Type	Swing Mounted Type	Post Mounted Type
Microfiber leather upholstery from USA (8 colors)	•	•	-
Super fiber leather upholstery (8 colors)	-	-	•
Ergonomic designed tilting seats and backrests	•	•	-
Articulating dual axis headrest	•	•	•
Swing-away armrest	Double Armrests	Double Armrests	Single Armrest, optional Installation
Emergency stop system	•	•	•
Wet / Dry variable speed foot control	•	•	•
Instrument tray with air break	Holder type / Up Mounted type	Holder type / Up Mounted type	Holder type / Up Mounted type
Double instrument tray	•	•	-
Master switch for all (air, water)	•	•	•
Medical grade tubing from USA 	•	•	•
Anti-suction system for handpiece tubing	•	•	•
Handpiece tubing and 3-way syringe from USA	•	•	•
180° Rotatable ceramic spittoon (Easy to clean and sterilize)	•	•	•
Dental unit cleaning system	Optional	Optional	Optional
Handpiece tube cleaning system	•	•	•
Electronic control cup filling and spittoon flushing system	•	•	•
Assistant instrument's arm	3 way syringe, HVE, SE and Touch Pad	3 way syringe, HVE, SE and Touch Pad	HVE and SE, optional for 3 way syringe and Touch Pad
Disposable Solids Collector Trap	•	•	•
LED Oral Light with Sensor	•	•	•
Light source of TPC LED Light	4 Bright LED & 2 Yellow LED	4 Bright LED & 2 Yellow LED	6 Bright LED
Doctor Stool	Imported Doctor Stool (Support 360° rotation)	Imported Doctor Stool (Support 360° rotation)	Deluxe Doctor Stool
Assistant Stool	Optional	Optional	Optional
LED curing light	Optional	Optional	Optional
Built in Scaler	Optional	Optional	Optional
Intraoral Camera with Monitor	Optional	Optional	Optional
Monitor Arm	Optional	Optional	Optional
High / Low speed handpiece	Optional	Optional	Optional
LED X-Ray Film Viewer	Optional	Optional	Optional
Electric Motor System	Optional	Optional	Optional

Note : "•" means included , "-" means not included



Unit: mm

- ① Transformer
- ② Drain pipe
- ③ Air supply pipe
- ④ Water supply pipe
- ⑤ Power socket
- ⑥ Signal wire for suction
- ⑦ Suction pipe
- ⑧ Multimedia cable
- ⑨ Pressure Gauge
- ⑩ Air Master Control Valve
- ⑪ Water Master Control Valve



Water pressure requirement: 0.2-0.4MPa/2.0-4.0Bar/29-58Psi
Pressure requirement: 0.55-0.8Mpa/5.5-8.0Bar/80-115psi

Tubing requirements in Dental Clinic:

1. Water supply pipe: white PPR hot melt tubing, reserved G1/2" copper inner tooth interface (g1/2" inner and outer tooth through valve is recommended).
2. Air tubing: seamless copper tubing or stainless steel tubing, reserved G1#2" copper internal tooth interface (g1/2" internal and external tooth through valve is recommended).
3. Drainage pipe: white PVC drainage pipe, main pipe 75mm, branch pipe 50mm.
4. Multimedia wire pipe: white PVC threading tube 40mm, leaving 1 threading lead; Reserve wire as required.
- ① USB cable: For Intraoral Camera, from Intraoral Camera → ground box → side cabinet → computer USB interface.
- ② Telephone cable: Hospital call system (four core telephone cable), instrument tray → ground box → side cabinet → call system.
- ③ Network cable: 1 for dental unit, 1 for upgraded the microscope, and 1 for CAD/CAM.
5. Power supply cord: white PVC threading tubing 20mm, pipe sleeve 3*1.5mm. L.N.E wire from the air switch box, reserved with a switch socket.
6. Signal tubing for suction unit: white PVC threading pipe, pipe sleeve with 20mm and 2*1mm.
7. Suction pipe: 50mm blue PVC pipe is main pipe, branch pipe is 32mm, 25mm tubing connect to dental chair.

Note: It should connect the 45° elbow to drain pipe and wet suction pump nozzles instead of Right Angle connector.

The on/off switch for Water purifier and air inlet of air compressor should be reserved.