

J/V GENERATION DENTAL CHAIR WITH AIR GLIDE



Project #11-005 (7/13)

The **DentalEZ J/V Generation®** Dental Chair with Air Glide is advertised as a stylish cantilever based hydraulic dental chair with thin narrow back and maintenance friendly upholstery designed to provide optimal access for the dental provider and comfort to the dental patient. Features include an exclusive independent seat-tilt function allowing for purported proper patient control and comfort with improved chair contour for superior lumbar support. The chair's primary controllers are located on both sides of the chair's arm supports and an optional foot control or delivery mounted touch pad controls are available. Armrests rotate up for easy entrance/exit, and a reshaped magnetic headrest designed to better support the patients neck and head in all positions round out the chairs ergonomic design. To better accommodate patients, the headrest can easily be fitted with an articulating headrest as well. The chair rotates 30-degrees and includes a positive lock rotational brake. The hydraulic cantilever base plate is said to provide superior stability while providing smooth quiet operation. A safety plate automatically stops the chair from lowering if resistance is encountered. The upholstery is available in seamless or sewn selections and 35 different colors. The chair is available in 115-220 volt, 50/60-hertz configurations. This chair was previously evaluated by DECS in 2004 as project # 04-024. The clinical evaluations for this project evaluation were conducted by a dental hygienist and a general dentist at Edwards AFB, CA. The re-evaluation of the chair was to determine if the manufacturer's updates and improvements to the chair since the last evaluation have made significant differences for providers in the clinical setting. As such this chair was evaluated to provide our customers with updated product information.



Manufacturer:

DentalEZ Equipment
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(866) 383-4636
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www.dentalez.com

Suggested Retail Price:

\$11,364.00	J/V Generation dental chair (Item # 3706-223C)
\$570.00	Foot Control (Part # 3625-548)
\$ 575.00	Power Module (Part # 3625-800)

Government Price:

\$5,452.20	J/V Generation dental chair (Item # 3706-223C)
\$350.00	Foot Control (Item # 3625-548)
\$299.00	Power Module (Part # 3625-800)

ADVANTAGES:

- + Additional electrical outlet underneath the seat provides a secure and convenient outlet for additional ancillary instruments and equipment to be plugged-into to prevent.

- + Seamless upholstery was easy to clean.
- + Ease of moving the dental chair within the room was made easier with the AirGlide system. This feature allows access to floor underneath the chair, helpful during sweeping and mopping of the operatory and was especially helpful when repositioning the chair within the room was required.
- + Synchronized tilt function.
- + Interchangeable headrest options, articulating and magnetic.
- + Easy to program. Stores programming for 2 different providers.
- + Can change head rest.
- + Air Glide made much easier to move chair (easier to use, airglide with delivery system and light positioned/centered over chair for balance).
- + Touch-pad controls.
- + Ease of configuration change from left/right handed providers.

DISADVANTAGES:

- AirGlide feature does not function over non-smooth or significant floor imperfections. (Should not present a problem on seamless smooth floors).
- AirGlide switch is 'too' easily accessible for accidental activation during treatment
- Magnetic 'fixed' headrest only provides lateral movement in a single plane, limits patient head adjustment and positioning.
- Some providers still thought the chair back was too thick.
- Some providers Headrest is too thick.

SUMMARY AND CONCLUSIONS:

The **J/V Generation Patient Dental Chair with Air Glide** performed as indicated by the manufacturer. The "Air Glide" feature allows for easy floor positioning of the chair within the operatory. The chair offers 8 pre-set positions for 2 providers plus manual controls for precise seat back, base height and seat tilt adjustments. The craftsmanship of the chair is solid, durable and held up very well during the trial evaluation period. The arm slings hold the patient's arms comfortably closer to the torso allowing the provider close access to the oral cavity. Dual touch pads on the delivery control head and on each side of the chair along with an optional foot control make positioning the chair convenient from any seated or standing position. The incorporation of added ancillary equipment; light curing wand, piezo scaler, electric handpiece and the LED Everlight were not easily accommodated with a standard dual outlet receptacle, making the attached receptacle underneath the chair obsolete. DentalEz has since introduced a power module to conveniently support all ancillary instruments, allowing the outlet receptacle under seat to be utilized. Overall, the DentalEz J/V Generation Dental Chair with AirGlide is a well designed chair that provides excellent support to the dental patient. The **DentalEz J/V Generation Patient Dental Chair with Air Glide** is rated **Acceptable** for use in the US Air Force dental facilities.