

J/V Generation Dental Chair (Project 04-24) (8/05)



The J/V Generation dental chair is a cantilever-based hydraulic dental chair engineered around an aluminum frame that is advertised to provide superior stability, smooth operation, and enhanced patient comfort. The chair combines the purported thin, narrow back and independent seat tilt of the J-chair with the flexibility of the split-back V-chair. This is said to allow for precise patient positioning into a more ergonomic state for the operator while increasing comfort for the patient. A variety of ergonomically designed headrests purportedly allow for closer, more comfortable access to the patients oral cavity while providing comfortable support for the patients head and neck. A thin narrow backrest is said to provide more legroom to the provider. The chairs armrests rotate upward for easy patient entrance and exit and the arm-slings provide additional comfort and support for the patient. Chair operation is via a deluxe eight-position touchpad or footswitch . The chair has a 30-degree rotational swivel feature with a positive-lock brake. A base-safety switch automatically stops the chair from lowering if resistance is encountered. The seat height adjusts between 14-30 inches from the floor. 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. The J/V Generation chair is warranted for three-years and the upholstery for one-year from date of delivery.



Manufacturer:

DentalEZ Equipment and CustomAir
2500 Highway 31 South
Bay Minette, AL 36507
(866) 383-4636
(251) 937-6781
(251) 937-0461 FAX
www.dentalez.com

Suggested Retail Price:

J/V Generation dental chair (Item # 3706-222C)
\$8,250.00

Foot Control (Item # 3625-548)
\$420.00

Government Price:

J/V Generation dental chair (Item # 3706-222C)
\$4,290.00

Foot Control (Item # 3625-548)
\$218.40

ADVANTAGES:

- + Smooth movement and stable in all operating positions
- + Chair base design and horizontal swivel enhances patient accessibility
- + Patients found the chair very comfortable
- + Multiple headrest options available
- + Rotating armrest with slings provides excellent support and easy entrance/exit for patients
- + Eight-position deluxe touchpad enhances patient positioning
- + Easy left-to-right conversion
- + Competitively priced with other chairs on the federal dental contract

DISADVANTAGES:

- Backrest may be too thick & wide for some evaluators
- Learning curve associated with deluxe touchpad
- Standard fixed headrest may limit patient head manipulation
- Protective plastic covering over toeboard is non-removable for cleaning

SUMMARY AND CONCLUSIONS:

The J/V Generation dental chair includes an ergonomically designed backrest, double-articulating or magnetic headrest, rotating armrests with slings, dual eight-position deluxe touchpads and seamless upholstery. It met all electrical safety requirements and satisfactorily passed the standards of the Medical Procurement Item Description #2 checklist. The chair was easy to assemble and the documentation was clear and complete. While the chair performed reliably during the six-month testing period, some evaluators found the backrest too thick and wide. Additionally some evaluators also found the fixed-position magnetic headrest too restrictive. Evaluators rated the chair fair overall. DECS recommends purchasers should consider the double articulating headrest over the fixed magnetic headrest. Overall, patients found the chair very comfortable and evaluators appreciated its workmanship, smooth operation and stability. The competitively-priced **J/V Generation Dental Chair** is rated **Acceptable** for use in US Air Force dental facilities.