

## 61-23 DentalEZ Model J-Chair (Project 99-52) (9/00)

The DentalEZ Model J Dental Chair is an updated version of the original DentalEZ J-Chair which was introduced in 1958. It has an electronically-controlled, hydraulic, cantilever base that is claimed to provide smooth, jerk-free operation. The thin, tapered back is purported to allow improved access to the oral cavity. The J-Chair has one moveable armrest that lifts to allow access for patient entry and exit, while the other armrest is supported and stationary. Both armrests have upholstered slings that move with the chair assembly and are designed to comfortably support the patient's arms in any chair position. A swivel-brake lever located beneath the seat provides a 30-degree horizontal rotation in the left or right direction for ease of patient access and for adapting the chair to fit an existing room. The J-Chair is designed to be compatible with DentalEZ's AXCS Dental Unit and AXCS Dental Light. A touch pad control or a foot control is used to select the chair functions and offers eight preprogrammed positions in addition to the manual control. Also, optional touch pads can be installed on the dental unit control head, assistant's unit, or dental chair. However, only a total of two touch pads, or a touch pad and foot control can be installed on each dental operating system. A three-year warranty is provided on the chair's structure, hydraulic system, controls, and electronics. The DentalEZ Model J Dental Chair is UL and CE listed and available in either 115-volt or 230-volt AC.



### Manufacturer:

DentalEZ Group  
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Bay Minette, AL 36507  
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(334) 937-0461 FAX  
[www.dentalez.com](http://www.dentalez.com)

### Suggested Retail Price:

\$7,295.00 DentalEZ Model J Dental Chair

### Government Price:

\$3,876.00 DentalEZ Model J Dental Chair

### ADVANTAGES:

- + Is well constructed with pleasing contours and appearance.
- + Has eight, easy-to-program, pre-set positions combined with the conventional controls.
- + Covered with smooth, seamless upholstery that is easy to clean.
- + Has smooth, jerk-free, hydraulic, cantilever operation.
- + Thin, tapered back provides good access to the oral cavity.
- + Two different styles of magnetically-retained headrests are available.
- + Unit, assistant, and chair touch pad controls (along with a foot control) are available to control the chair and dental light.
- + Optional automatic chair lock-out prevents chair movement when a handpiece is running.
- + Moveable armrest allows easy patient access.
- + Armrest slings support patient's arms in all chair positions.
- + Three-year warranty on structures, hydraulic system, controls, and electronics.

### DISADVANTAGES:

- Customer support from the manufacturer during this evaluation was poor.
- Requires tools and mechanical/electrical ability to complete the 16 steps necessary to convert the chair from right-to-left handed operation.
- The AXCS Dental Unit and Light assemblies are not stable when mounted to the J-Chair swing mount.
- Access to the chair-mounted touch pad controls is limited when the chair is in the operating position.

- Moveable armrest does not provide adequate leverage support for patient repositioning.
- The replacement parts listing does not provide exploded part identification drawings.

**SUMMARY AND CONCLUSIONS:**

The DentalEZ Model J-Chair met all laboratory electrical safety testing requirements as well as those of ADA Specification #46 and most of the checklist items of the Medical Procurement Item Description #2. DIS evaluators found the well-constructed chair to be esthetically pleasing and it operated smoothly. DIS, however, cannot recommend the Model J-Chair to be used combined with the DentalEZ AXCS Dental Unit because of a lack of stability. Converting the chair from right- to left-hand configuration is a 16-step procedure that requires the assistance of a medical equipment technician. One DIS Professional Staff evaluator rated the DentalEZ J-Chair "Excellent" while the majority of the other evaluators rated it "Good." It must be emphasized that this evaluation was plagued by poor customer service from the manufacturer. The **DentalEZ Model J Dental Chair** is rated **Acceptable** for use by the federal dental services.