

EG 9220 Dental Assistant Stool (Project # 06-030) (6/08)



The EG9220 Dental Assistant Stool is an ergonomically designed stool that incorporates previous design features of the 9000B (seat) and the 9100B (backrest) which are other stool models offered by the Brewer Company. The stool is said to enhance proper posture while reducing problems associated with musculoskeletal disorders. Features include a contoured "cut-out" shallow seat pan with fully adjustable tilt for correct weight distribution and pelvic tilt. The backrest is contoured to cradle the back while allowing clearance of the shoulder blades for added comfort and maneuverability. The lumbar support purportedly inclines 10-20 degrees allowing for easy height adjustment. The assistant arm provides additional support and adjusts both in the vertical and horizontal dimension, while the circular footring adds to the supporting features. Pneumatic height adjustment ranges are 24 to 32 inches. Asepsis and infection control procedures are said to be maximized with a design that uses screwless components and smooth, seamless vinyl upholstery. The 44-pound stool is available in 32 color schemes and is positioned on a five-caster aluminum base that provides both stability and easy maneuverability. The stool has a five-year warranty.



Manufacturer:

The Brewer Company
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Suggested Retail Price:

\$1,373.00

Government Price:

\$745.00

ADVANTAGES:

- + Appears to be of solid-construction with high-quality fit and finish
- + Stool was comfortable and allowed for close patient/provider proximity
- + Seat height-adjustment allowed for proper seating alignment
- + Contoured backrest provided adequate lumbar support
- + Five-star caster base with double wheels provided excellent stability and maneuverability
- + Footring provides additional support for lower third of body
- + Seamless vinyl upholstery facilitates cleaning and asepsis
- + Concise operating instructions complete with graphics for visual interpretation
- + Available in left-handed or right-handed versions
- + Includes a five-year warranty

DISADVANTAGES:

- Perceived bulkiness may impede maneuverability in smaller dental treatment rooms
- Armrest operating lever may be difficult to operate
- More expensive than other dental operatory stools on federal service contract

SUMMARY AND CONCLUSIONS:

The EG9220 Dental Assistant Stool features a more streamlined and ergonomic design from a previous model tested by DECS. During the evaluation the stool was found to function reliably and allowed for close patient/provider proximity. Evaluators appreciated the stability and maneuverability of the double-wheeled, five-star caster base. Additionally, evaluators liked the seamless, vinyl upholstery which facilitated asepsis. Some evaluators found the stool somewhat bulky for smaller dental treatment rooms and thought the armrest was difficult to operate with the armrest release lever being problematic. While 75% of evaluators rated the stool favorably, only half stated they would consider purchasing the stool for use in their clinic. The **EG9220 Dental Assistants Stool** is rated **Acceptable** for use in US Air Force dental facilities.