

# Royal Signet 2230 Operating / Programming Instructions

**Chair Backrest** -To operate the chair backrest, press the top plain rocker switch on the side of the chair. Press the bottom half of the rocker to recline the backrest or press the top of the switch to move the back more upright.

**Chair Base** - To raise the chair base, press the top of the other plain rocker switch. To lower the base, press the bottom of this rocker switch.

**Auto Return ( Exit Position, Not Programmable)** - Press and release the engraved “O” side of the lowest switch. The chair backrest will move to the upright position and the base will move to the full down position. Any automatic motions can be stopped by pressing any control switch.

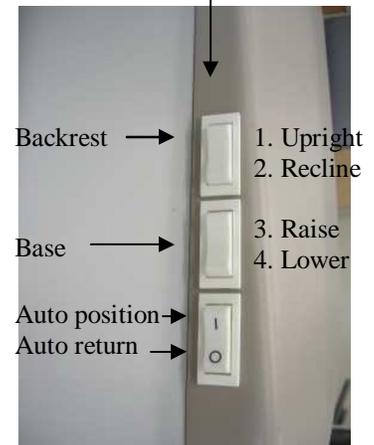
**Auto Position** - To automatically position the chair to a pre-set position press and release the engraved “I” side of the lowest switch. Then immediately press and release of one of the 4 manual control switches. Each of the 4 manual control switch positions corresponds to a different AP preset position.

**Programming Auto Position** - The chair comes preprogrammed. This process allows changing of the programmed positions. First, use the manual control switches to move the chair to the first position you want stored. Second, press and hold the AP (I) switch and also the “backrest upright switch” (1.) for 5 seconds. You will hear 2 beeps that signify the position has been stored in memory. For the next position you want stored, again use the control switches to position the chair and this time combine the AP (I) switch and the “backrest recline” switch (2.). Continue this process to program the 4 different AP positions. You can later reprogram any of these memorized pairs in a new position.

**Foot control (and optional touch pad)** - These operate in the same manner as the control panel switches. For instructions on the “Last Position” function included on these controls see the “Quick Reference Card” that is supplied with the chair.

**Patient Entry or Exit** -Grasp the armrest at the mid point, lift and swing outward to the middle lock stop. To return the armrest lift the armrest at the midpoint and swing to the forward position. Entry or exit can be done from either side of the chair. *NOTE: For wheelchair patients, swing armrest past the mid point stop, toward the back of the chair to allow easier entry/exit.*

**Chair Rotation** - To operate the chair rotation, locate the handle directly behind the seat cushion. To unlock the chair pull the handle clockwise. The chair will swivel 30 degrees left or right for a total of 60 degrees. To lock the rotation pull the handle counter clockwise.

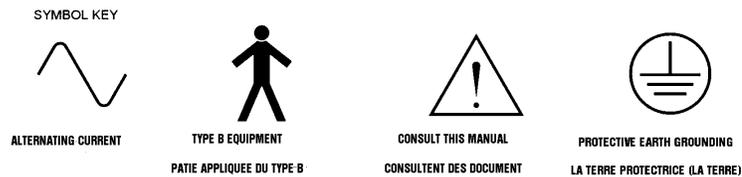


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**Headrest** - To adjust the location of the headrest, grasp both sides of the headrest backboard and pull up or push down. The pillow may be slid down lower than the backboard onto the backrest to accommodate a patient that needs the pillow at a lower position.

**Cleaning Instructions and Maintenance** - See the separate, cleaning instructions for the upholstery and chair. The chair does not require any scheduled maintenance.

**Operating conditions and Specifications** - The chair is intended for the typical intermittent operation of a dental office. Do not run the chair continuously for more than one minute. Also, do not cycle the chair in a manner that would require the chair to move more than 7% of the time. Maximum recommended lift weight is 450 pounds. The UL moisture rating against harmful ingress of water is – Ordinary Equipment. Using the chair in a manner other than intended may defeat the chairs built in protections. The chair is rated by ETL at 8 amps max., 120 volts, 60Hz.



For further assistance contact your dental equipment dealer or Royal Dental Mfg., 12414 Highway 99, Suite 29, Everett, WA, 98204. Additional information is available on our website: [royaldentalgroup.com](http://royaldentalgroup.com), under customer service.