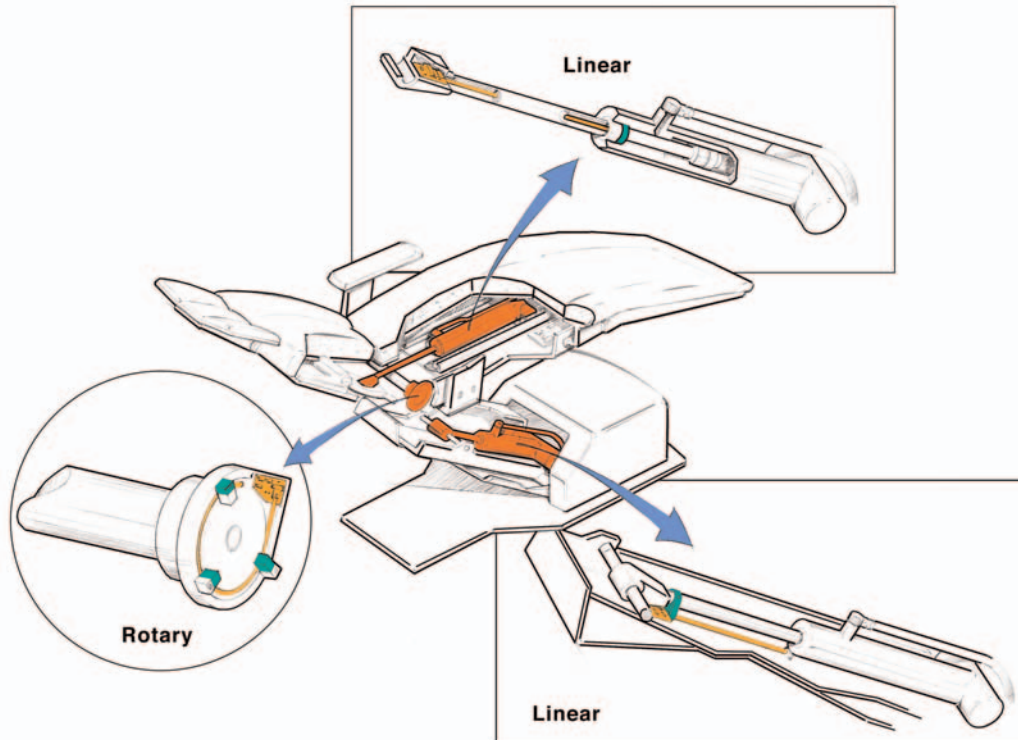


Application Idea



MTS Temposonics linear-position sensors control chair positions

Most dentists prefer to work on a given patient at an individually chosen position of the chair's height and angle. Remembering positions for each and every patient, as well as those positions unique to the dental hygienist, is easy if the chair is automated. A controller receives the operator's identification, combines that with the patient's identification and the chair moves to the last remember or preferred position with a series of actuators, joints and a controller.

MTS Temposonics C-Series sensors can be used to follow either the position of the actuator or the position of the chair joint being moved. Because the sensor can follow curved and circular paths as well as the traditional linear paths, all potential movements of a chair can be monitored with one basic sensor design. Interfacing can be optimized for the chair's design because the engineer has a choice of analog or digital communications.

All specifications are subject to change. Please contact MTS for specifications that are critical to your needs.

Part Number: 04-05 550882 Revision C
MTS and Temposonics are registered trademarks of MTS Systems Corporation.
All other trademarks are the property of their respective owners.
All Temposonics sensors are covered by US patent number 5,545,984.
Additional patents are pending.
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