

- *Fully portable so patient is completely ambulatory*
- *Adjustable for headsize and range of motion*
- *Lightweight, integrated one-piece construction*
- *Smooth, silent operation*
- *Safe, low voltage and long battery life*
- *Patented Reverse-on-Load safety override*
- *Disposable kit covering all patient contact points*

J1

TMJ CPM

Designed for Continuous Passive Motion (CPM) of the temporomandibular joint, the J1 TMJ CPM unit is lightweight and fully portable allowing early ambulation, and maximal patient comfort and compliance.

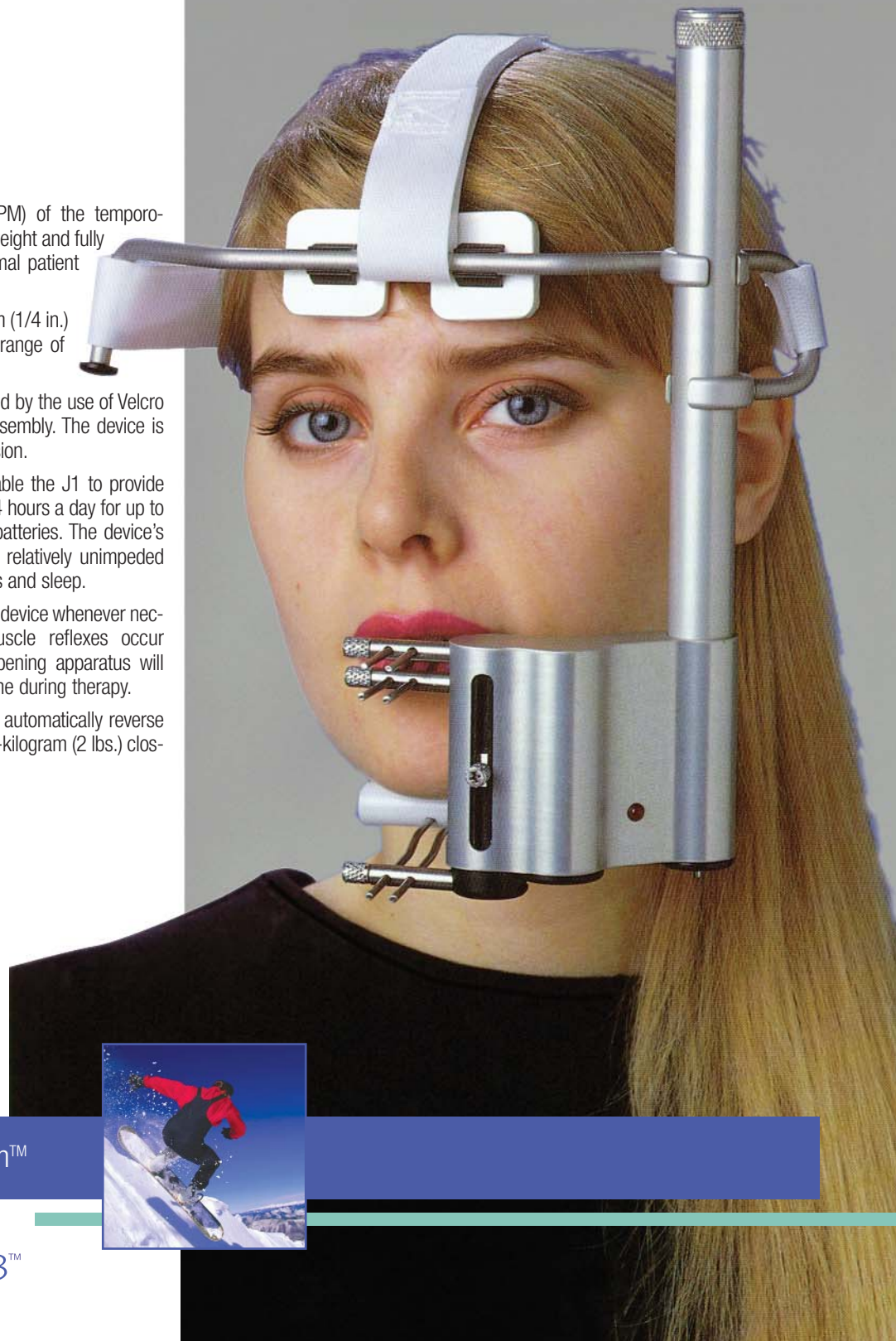
Variable range of motion adjustment, from 6mm (1/4 in.) to 50mm (2 in.), allows optimal control over range of motion.

Patient setup is easily and quickly accomplished by the use of Velcro fasteners on the fully adjustable headstrap assembly. The device is stabilized by attachment to a maxillary impression.

Quiet operation and advanced electronics enable the J1 to provide continuous, uninterrupted therapy on the J1 24 hours a day for up to 8 days without replacing the 4 AA (Alkaline) batteries. The device's compact integrated design leaves the patient relatively unimpeded and able to carry on with normal daily activities and sleep.

Safety features allow the patient to override the device whenever necessary if coughing, sneezing or other muscle reflexes occur suddenly. The spring operated mandibular opening apparatus will allow the patient to close his/her jaw at any time during therapy.

A patented Reverse-on-Load safety circuit will automatically reverse the direction of the unit's motion if the preset 1-kilogram (2 lbs.) closing force setting is exceeded.



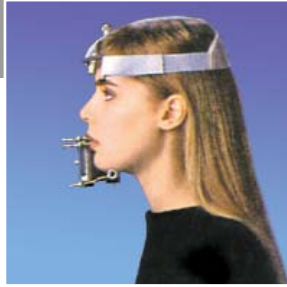
passionate about motion™



ORTHOREHAB™

J1

TMJ CPM



A side view of the J1 CPM device.



The disposable patient kit contains everything needed for simple patient setup.



The complete J1 CPM includes a carrying case, J1 actuator, disposable patient kits and 4 AA batteries.

Application

Continuous Passive Motion of the J1 is applied postoperatively for a minimum of five days with brief interruption for eating, hygiene and talking. Patient must be conscious and free from nausea. Before CPM therapy begins, TMJ sepsis and cellulitis must be controlled.

Clinical results

Clinical studies have demonstrated the following benefits of CPM:

- Reduction of post-operative pain
- Maintenance of a good range of motion
- Prevention of intra-articular adhesions and extra-articular contractures
- Can possibly reduce length of hospitalization

Ordering Information

J1-100

Includes: Actuator, carrying case, Disposable Patient Kit (Softgoods)

J1S001U

Maxillary Loop

Indications

- TMJ arthroscopy
- Intra-articular surgery
- Extra-articular contractures and adhesions

Contraindications

- Unstable fractures
- Orthognathic surgery

Specifications

Dimensions of drive unit:

25 cm x 100 cm x 2.5 cm (10" x 4" x 1")

Weight:

450 g (1 lb)

Range of Motion:

6 mm to 50 mm (1/4" to 2")

Rate of Speed:

7.5 cm (3") per min.

Reversing Force:

1 kg (2 lbs)

Power Requirements:

4 AA batteries

Battery Life:

Up to 8 days for Alkaline batteries
Up to 3 days for regular or Nickel Cadmium batteries

Low Battery Warning Light:

Flashing L.E.D. indicates less than 10% battery life remaining



In the USA call:
1.800.RENT.CPM

(1.800.736.8276) to contact your local sales or service representative or visit our web site at:

www.orthorehab.com

International Customers contact:
OrthoMotion Inc.

1.905.420.3303;

E-mail: customerservice@orthomotion.ca

passionate about motion™