

PS1

PRONATION/SUPINATION CPM

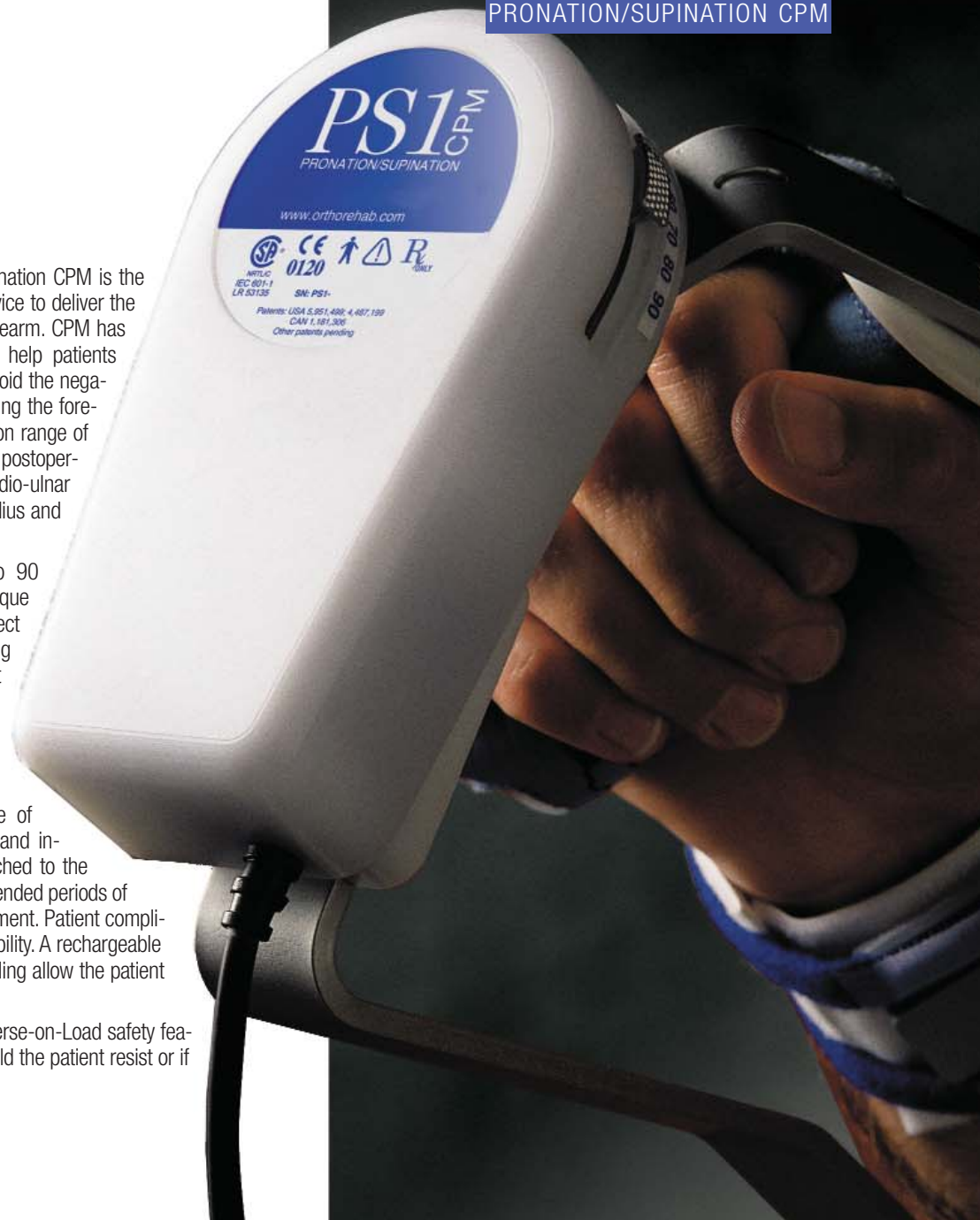
- Full range of motion (0° to 90° pronation and supination)
- Unique anatomically correct motion for patient safety
- Two force settings for customized treatment
- Easy to operate
- Fully portable, battery operated
- Durable, lightweight design
- Reverse-on-Load patient safety feature

OrthoRehab's PS1 Forearm Pronation/ Supination CPM is the first portable Continuous Passive Motion device to deliver the proven benefits of CPM treatment to the forearm. CPM has demonstrated over the years its ability to help patients regain postoperative range of motion and avoid the negative effects of immobilization. By gently moving the forearm through a controlled pronation-supination range of motion, the PS1 can help effectively prevent postoperative stiffness of the distal and proximal radio-ulnar joints, and the soft tissue connecting the radius and ulna.

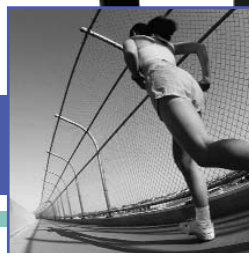
Range of motion is adjustable from 0 to 90 degrees of pronation-supination. And a torque isolating feature ensures anatomically correct motion over the entire range to reduce loading or stressing of joints, and to increase patient comfort. Also, two reverse-on-load force setting options allow the force of motion to be customized for optimum treatment results.

Durable, lightweight construction and ease of use make the PS1 ideal for both hospital and in-home environments. The unit is easily attached to the patient, and can be worn comfortably for extended periods of time to ensure the full benefits of CPM treatment. Patient compliance is further enhanced by the PS1's portability. A rechargeable Motion Controller and convenient shoulder sling allow the patient to be fully ambulatory during treatment.

For patient safety and peace of mind, a Reverse-on-Load safety feature will reverse the direction of motion should the patient resist or if motion is obstructed.



passionate about motion™



ORTHOREHAB™

PS1

PRONATION/SUPINATION CPM



Easy to set range of motion stops and a clearly marked goniometer make the PS1 simple to operate.



The portable Motion Controller has a rechargeable battery life of up to 100 hours. Optional force settings maximize treatment results.



The Torque Isolating feature ensures anatomically correct motion for the best treatment results and patient safety.

Application:

Continuous Passive Motion (CPM) is best applied immediately post-operative and continued, uninterrupted, for up to six weeks or as prescribed by the physician.

Clinical results:

Clinical studies have demonstrated the following benefits of CPM:

- Prevention of intra-articular adhesions and extra-articular contractures;
- Improved patient compliance with passive and active therapies;
- Prevention of joint stiffness and maintenance of range of motion;
- Prevention of negative effects of immobilization.

Indications:

Immediate post-operative management after the following where indicated:

- Distal radius fractures (when stable);
- Fractures of the radius and ulna;
- Fractures of the radial head;
- Fractures associated with the humerus and ulna;
- Following surgical reduction or excision to treat radio-ulnar synostosis;
- Disruption of carpal and radio-ulna joints.

Contraindications:

- Septic tenosynovitis, until infection is controlled;
- Unstable fractures.

Note: If signs of infection such as hypothermia, irritation, swelling, bleeding, or increased or persistent pain are observed, CPM should be avoided or discontinued until infection is controlled.

Ordering Information:

PS1-100U: PS1 Pronation/Supination CPM
Includes: CPM actuator, carrying case, rechargeable battery pack, power supply, motion controller, and disposable patient kit.

PS1-101: Disposable patient softgoods kit (single patient use only).

Specifications:

Dimensions of device:	56cm x 8cm x 28cm (22" x 3.0" x 11")
Weight includes softgoods:	approx. 1.4 kg (3.0 lbs)
Dimensions of Motion Controller:	10cm x 18cm x 5cm (4" x 7" x 2")
Range of Motion:	Pronation: 0° to 90° Supination: 0° to 90°
Rate of speed:	180° per minute
Force settings:	Low: 2.8 Nm (25 in-lbs.) High: 4.0 Nm (35 in-lbs.)
Battery life:	Up to 100 hours
Certification:	CSA, CE



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www.orthorehab.com

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