

WAVEFLEX

HAND CPM

- *Full composite fist flexion*
- *Lightweight and portable*
- *Comfortable, fully adjustable splint*
- *Adjustable speed*
- *Pause feature for enhanced results*
- *Programmable Warm Up feature*
- *Programmable Reverse-on-Load*
- *Easy to use digital Motion Controller*
- *Minimal joint compression*

The WaveFlex Hand CPM represents the latest advancements in hand CPM technology.

Most notably, the WaveFlex achieves a true full composite fist. Each joint is fully flexed by a sophisticated finger attachment which assists the fingers through a natural path of motion.

The WaveFlex is portable, lightweight and balanced, enabling it to be worn for extended periods of time.

An adjustable splint forms to the contours of the patient's arm for maximum comfort and stability. Finger clips are easily applied and removed by the patient, as necessary.

Treatment is enhanced by several operating features contained in the simple to use programmable motion controller. These include: adjustable speed, a programmable Pause, Warm Up feature, and programmable Reverse-on-Load.

Professionals will also appreciate the built-in compliance meter for monitoring patient progress. And, a special Lock-out feature prevents patients from changing settings.



passionate about motion™

ORTHOREHAB™



WAVE FLEX HAND CPM



Achieves true full composite fist flexion plus full extension. Sophisticated finger attachments assist each finger through a natural path of motion.



An adjustable splint ensures comfort and stability. Also available are gloves in several sizes.



The easy to use programmable Motion Controller contains Speed, Pause, Reverse-on-Load, Warm Up, and patient Compliance Meter. Plus, Lock-out settings to prevent tampering.

Application:

Continuous Passive Motion (CPM) is best applied immediately post-operative and continued, uninterrupted, 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:

- Capsulotomy, arthrolysis and tenolysis for post-traumatic stiffness of MP and PIP joints;
- Open reduction and rigid internal fixation of intra-articular, diaphyseal and metaphyseal fracture of the phalanges and metacarpals;

- Flexor and extensor tendon tenolysis;
- Flexor and extensor tendon synovectomies, following arthrotomy and drainage of acute septic arthritis;
- Prosthetic replacement of MP and PIP joints;
- Stable fractures;
- Crush injuries of hand without fractures or dislocations;
- Hand or digit reattachment;
- Dupuytren's Contracture Release;
- Burn injuries; and,
- Reflex Sympathy Dystrophy (RSD).

Contraindications:

- Untreated infections;
- Unstable fractures.

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

Ordering information:

6000X: WaveFlex Hand CPM, patient kit, batteries, power supply

6301 (child), 6302 (adult): Hand splint

6305: Finger Clips (8)

6508 (S), 6507 (M), 6506 (L): Finger Actuators (small, med, large)

FBA-006: Finger Strips (Attachment tape)

6304: VHB adhesive tape

6417: MP block kit

6511 (left), 6512 (right): Glove small

6513 (left), 6514 (right): Glove medium

6515 (left), 6516 (right): Glove large

Specifications:

Weight:

Drive Assembly:	0.45 kg (1 lb.)
Hand Controller:	0.20 kg (0.45 lb.)
Patient Kit:	0.21 kg (0.46 lb.)

Range of Motion:

MCP:	0-90°
PIP:	0-110°
DIP:	0-70°

Rate of Speed (programmable): 30 to 120 seconds per cycle

Reversing Force (programmable): 1.6 kg (3.5 lbs.) low to 4.3 kg (9.5 lbs.) high

Pause (programmable): 0-30 seconds the end of flexion and/or extension

Warm Up (programmable): Starts at 50% of programmed ROM

Low battery warning: L.E.D.

Power Source: Battery 6V-4AA or use Power Supply WSA150M

Input: 100-240VAC, 50/60Hz 40VA

Output: 5VDC, 2.5A

Certification: CSA, CE



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

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