

E2

ELBOW CPM

- *Free Linkage design for patient comfort*
- *Simultaneous pronation/supination during flexion/extension*
- *Lightweight and fully portable*
- *Rechargeable, long-lasting battery pack*
- *Adjustable Reverse-on-Load safety feature*
- *For ambulatory use and easily adapted for use in bed or chair*

The E2 Elbow CPM is a portable device (weighing only 2.5 kg or 5 lbs.), designed to provide an adjustable range of motion to the elbow and forearm.

Powered by rechargeable batteries, the E2 will operate up to 10 hours on a single charge, allowing patients to be fully ambulatory. Battery recharging can be carried out overnight without interruption of the treatment cycle.

Range of motion settings include simultaneous pronation and supination of the forearm, while flexing and extending the elbow.

For safety, an adjustable Reverse-on-Load feature changes the direction of travel should the patient resist motion, or if motion is obstructed.

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The E2 Elbow CPM is designed with ease of operation in mind. Adjustable Reverse-on-Load, On/Off, and battery indicators are housed on the actuator itself.



Elbow CPM is enhanced by simultaneous pronation and supination of the forearm.



The E2 device can be easily adapted to various treatment situations, including hospital bed mounting and in-chair use.

Application:

Continuous Passive Motion (CPM) is best applied immediately post-operative and continued, uninterrupted, for up to six weeks 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:

- Arthrotomy;
- Stable fractures;

- Synovectomy;
- Reconstructive surgery on bone, cartilage, tendons and ligaments;
- Prolonged joint immobilization;
- Manipulation; and joint replacement.

Contraindications:

Do not use the device if any of the following are present:

- Untreated or uncontrolled infection
- Unstable fractures
- Spastic paralysis
- Hemorrhage

Note: Upon using the device, if signs of infection such as hyperthermia, fever, redness, irritation, warmth, swelling, bleeding, and/or increased persistent pain are present, discontinue operation of the device and contact the patient's physician. Do not proceed with treatment until the physician has approved continued use of the device.

Ordering information:

A2E-100U: E2 Elbow CPM device includes CPM device, patient kit, batteries, battery pack and battery charger.

A2E-101SY: Patient Kit replacement pads (single patient use only).

Ordering information:

EABBB: Nickel cadmium rechargeable battery pack.

GE-102/3: Power Supply/Battery Charger
Input 100/240V 50/60 Hz
Output 12V DC

Specifications:

Dimensions of actuator unit:	91.4cm x 3.8cm (36 in. x 1.5 in.)
Weight:	2.5 kg (5 lbs.)
Rate of motion:	3 minutes per full cycle
Reversing force:	
Low	5 kg (11 lbs.)
High	8 kg (18 lbs.)
Battery life:	8 to 10 hours. Recharging time 6-8 hours.
Low battery warning:	L.E.D.
Power Source:	External Power Supply Input 100-240 VAC 50-60 Hz Output 12 V 1.25 A, grounded 5 x 1.2V ni-cad battery pack
Certification:	CSA, CE, UL



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