

- *Range of motion from -10° to a full 135° at the knee*
- *Lightweight (10.9 kg, 24 lbs.)*
- *Minimal anterior tibial translation and minimal joint compression*
- *Constant angular velocity over the entire range of motion*
- *Accommodates a wide range of patient sizes*
- *Simultaneous hip, knee and ankle motion*

L4/L4

LOWER LIMB CPM

Advanced design, ease of operation, and sophisticated treatment features have given the L4 and L4K CPM devices an international reputation of superior quality.

Weighing only 10.9 kg (24 lbs.), the L4 model is ideal for hospital and home use. The added portability and compact design of the L4K model makes it particularly suited for use in homes and with smaller beds.

The L4/L4K achieves a wide range of motion, from -10° extension to 135° flexion at the knee. It also accommodates a wide range of patient sizes, from children to large adults.

Treatment benefits include constant angular velocity to help prevent adhesions and contractures by ensuring the same amount of treatment time is spent in both flexion and extension. The L4/L4K also minimizes anterior tibial translation and joint compression. In addition, the L4 model provides simultaneous hip, knee and adjustable ankle motion for total-limb CPM.

Easy setup & operation features include patient fitting that does not require measuring or intricate adjustment. Universal symbols, goniometers & analog controls add to the international appeal.

Safety features include a motion controller which reverses the travel direction when turned off then on again.

And Reverse-on-Load safety overrides to reverse the direction of travel should the patient resist motion, or if motion is obstructed.



L4 Model

L4K Model

The L4 Lower Limb CPM and the compact L4K model. The L4 is a lightweight CPM ideal for hospitals and home use. The L4K model travels on wheels, instead of tracks, making its compact design excellent for home use and smaller beds.



passionate about motion™

ORTHOREHAB™

L4/L4K

LOWER LIMB CPM



The L4/L4K achieves full range of motion with minimal joint compression and minimal anterior tibial translation at a constant angular velocity and near-silent operation.



A compact, convenient motion controller for speed and patient Start/Stop button.



Accessory transporter carriage for the L4 model is ideal for transporting and storing the unit. The L4K model can be folded up for easy storage in a car trunk or equipment room.

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 the negative effects of immobilization.

Indications:

Immediate post-operative management after the following where indicated:

- ACL reconstruction;
- Open reduction and rigid internal fixation of intra-articular, diaphyseal and metaphyseal fractures;
- Capsulotomy and arthrolysis for post-traumatic arthritis with restriction of motion;
- Synovectomy for rheumatoid arthritis and

hemophilic arthropathy; Arthrotomy and drainage of acute septic arthritis;

- Surgical release of extra-articular contractures or adhesions (quadricepsplasty);
- Metaphyseal osteotomy with rigid internal fixation of tibia and femur; prosthetic replacement (arthroplasty);
- Reconstruction of medial collateral ligament tears of the knee using a semitendinosus tenodesis;
- Reconstructive surgery on bone, cartilage, tendons and ligaments;
- Prolonged joint immobilization.

Contraindications:

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

- Untreated or uncontrolled infection
- Unstable fractures
- 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:

L4-100U* or L4K-100U: CPM lower limb device complete with patient kit, motion controller, power supply and instruction manual.

L4-101* or L4K-101: Disposable Patient Kit (soft-goods).

L4-120:* Hospital bed clamp.

L4-130: Bed strap.

L4-140:* Thigh Strap. To help ensure full knee extension.

L4-150:* L4 Transporter. Carriage to easily transport the L4.

L4-180: Mattress clamp. Stabilizes L4 or L4K to a home or hospital mattress.

Specifications:

	L4-100U	L4K-100U
Length:	1.1 m (44 in.)	63.5-99.1 cm (25-39 in.) Folded: 40.6 cm (16 in.)
Width:	33 cm (13 in.)	same
Weight:	10.9 kg (24 lbs.)	9.8 kg (21.5 lbs.)
Range of Motion:		
Hip:	4° to 100°	same
Knee:	-10° to 135°	same
Ankle:	-25° to 45°	none
Patient Size:	1.23 m to 1.95 m (4'1" to 6'6")	
Rate of Motion:	30° to 210° per minute	
Power Source:	External Power Supply Input 100-240 VAC 50-60 Hz 40 VA; Output 12 VDC 1.25 A, grounded	
Certification:	CSA, CE, UL	



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:
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1.905.420.3303;

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