

L4D/L4KD Lower Limb CPM

- Wide range of motion from -10° to a full 135° at the knee
- Lightweight (10.9 kg, 24 lbs.) and portable
- Minimizes anterior tibial translation and joint compression
- Constant angular velocity over the entire range of motion
- Simultaneous hip, knee and ankle motion



The fully digital controller allows for easy programming.



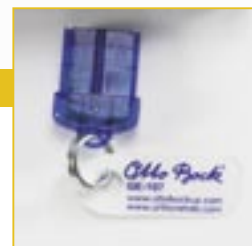
The L4D is a lightweight CPM ideal for hospitals and home use. The compact L4KD model travels on wheels, making it perfect for small beds and home use.



Both compact products are easy to transport: L4KD can be folded for easy storage.

The L4D and L4KD put you in digital control with speed variability from 30° to 210° /minute, a wide -10° to 135° range of motion, and easy accommodation of pediatric to adult patients. The L4D and L4KD's digital controllers features include **Reverse-on-Load**, end of range **Pause** time, **Warm-Up** mode, a treatment **Timer**, and the ability to track user hours and cycles. The controller's unique design allows settings to be saved to a **Patient Memory Key** to eliminate repetitive data entry, and a lock ensures that only you make program changes.

Both units quietly provide simultaneous hip and knee motion, and the L4D adds adjustable ankle motion for **total-limb CPM**.



Save an individual patient's settings to the Patient Memory Key.

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L4D/L4KD Lower Limb CPM

Ordering information:

L4D-100U or L4KD-100U: CPM device with patient kit, digital controller, power supply and manual.
L4-101* or L4K-101: Disposable Patient Kit (softgoods).
L4-120:* Hospital bed clamp.
L4-130: Bed strap.
L4-140:* Thigh Strap to help ensure full knee extension.
L4-150:* L4 easy transport carriage
L4-180: Stabilizing mattress clamp
GE-107-10: Kit of 10 Patient Memory Keys

Application

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

Proven Clinical Results

CPM treatment aids in the prevention of intra-articular adhesions and extra-articular contractures and improves patient compliance with passive and active therapies. Studies also show that CPM helps prevent joint stiffness and maintain range of motion while reducing the negative effects of immobilization.

Indications

Immediate post-operative management of the following where indicated:



- ACL reconstruction;
- Open reduction and rigid internal fixation of intra-articular, diaphyseal and metaphyseal fractures;
- Capsulotomy and arthrolysis for posttraumatic 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 or hemorrhaging.

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.*

Specifications:

	L4D-100U	L4KD-100U		L4D-100U	L4KD-100U
Length:	110 cm (44 in.)	64-99 cm (25-39 in.)	Range of Motion:		
Folded:		41 cm (16 in.)	Hip:	4° to 100°	4° to 100°
Width:	33 cm (13 in.)	33 cm (13 in.)	Knee:	-10° to 135°	-10° to 135°
Weight:	10.9 kg (24 lbs.)	9.8 kg (21.5 lbs.)	Ankle*:	-25° to 45°	none
Patient Size:	123 cm to 195 cm (4'1" to 6'6")		Speed:	30° to 210° per minute	30° to 210° per minute
Certification	 		Force (ROL):	1 (least) to 5 (greatest)	1 (least) to 5 (greatest)
			Pause:	0 to 30 seconds	0 to 30 seconds
			Power Source:	External Power Supply Input 100-240 VAC 50-60 Hz 40 VA; Output 12 VDC 1.25 A	

*Not for use with L4KD

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