

LimbLogic®



LimbLogic is available with a 4-hole distal mount option and as a side mount option.

PRODUCT HIGHLIGHTS:

- **Inductive charging for easy patient use**
- **Utilizes a smaller, more convenient, Bluetooth® Low Energy fob**
- **Pump is waterproof in fresh water**
- **Control your LimbLogic from your iPhone or iPad**

Overview

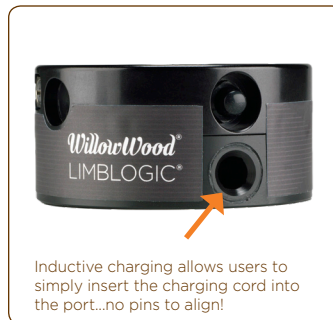
LimbLogic provides elevated vacuum in an easy to use system. This electronic elevated vacuum system features a small, Bluetooth Low Energy fob, inductive charging, and a choice of mounting style. The controller is offered as a distal-mount 4-hole controller to mount in line with a prosthesis or, when clearance is a concern, a side-mount to place on the side of a socket. Both options feature a field-serviceable outlet filter.

A handheld fob allows practitioners to program LimbLogic for a set range of vacuum. The system continually monitors a socket's vacuum level, maintaining a secure fit. Amputees may use the fob to increase or decrease the vacuum level as desired within the range set by the clinician. Regardless of the style used, the LimbLogic Controller is waterproof in fresh water to a depth of 3 meters (10 feet) for up to 12 hours at a time. The handheld fob should not be exposed to water.

Clinicians using LimbLogic have the opportunity to interact with the controller without using the fob. The LimbLogic Communicator and software interface with a LimbLogic Controller via BlueTooth Low Energy technology.



Both versions of LimbLogic feature a field-serviceable outlet filter (side mount style shown).



Inductive charging allows users to simply insert the charging cord into the port...no pins to align!



The LimbLogic Communicator runs on Windows XP and Windows 7.

Ordering Guidelines: LimbLogic®

FABRICATION KITS

Laminated 4-Hole Adapter Kit

Use: Laminated sockets
 Build Height: .1875" (4.76 mm)
 Patient Weight:
 350 lbs (160 kg) for U.S. Activity Level 3*
 300 lbs (136 kg) for U.S. Activity Level 4*

Thermoplastic Drop-In Adapter Kit

Use: Thermoplastic sockets, check sockets
 Build Height: .6250" (15.88 mm) with custom distal pad
 Patient Weight:
 250 lbs (115 kg) for U.S. Activity Levels 2 & 3*

Laminated Side Mount Adapter Kit

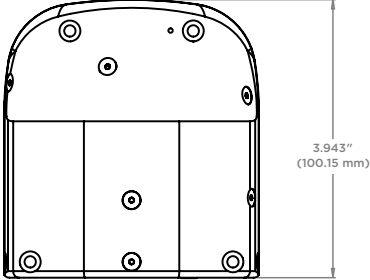
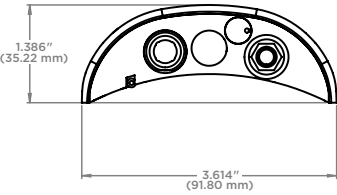
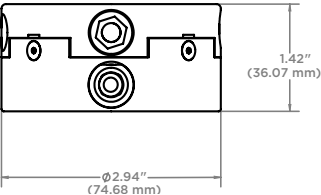
Use: Laminated sockets
 Patient Weight: not applicable

PRODUCT WEIGHT

Distal Mount: 225 g
 Side Mount: 209 g
 Fob: 17 g

PRODUCT HEIGHT

Distal Mount: 1.42" (36 mm)
 Side Mount: 1.386" (35.22 mm) x 3.943" (100.15 mm) long



PATIENT WEIGHT (for distal mount only)

350 lb (160 kg) for U.S. Activity Level 3*
 300 lb (136 kg) for U.S. Activity Level 4*
 *Body weight plus any loads normally or routinely carried cannot exceed this weight limit.

L-CODE SUGGESTIONS

L5781

WARRANTY

24 months from date of patient fitting

TRIAL PERIOD

30 days from date of patient fitting

ITEM NUMBERS

Product	Item #
LimbLogic®, Unilateral Kit, Lamination	LLV-2000-L
LimbLogic®, Unilateral Kit, Thermoplastic	LLV-2000-T
LimbLogic®, Bilateral Kit, Lamination	LLV-2002-L
LimbLogic®, Bilateral Kit, Thermoplastic	LLV-2002-T
LimbLogic®, Unilateral Kit, Side Mount	LLV-2000-S
LimbLogic®, Fob Replacement Battery	LLV-21240
LimbLogic® Exhaust Port Replacement w/Orifice & Drain Tube	LLV-21080
LimbLogic® Inductive Charger	LLV-21011
LimbLogic®, Key Fob	LLV-21200
LimbLogic® Communicator	LLV-COM

LimbLogic® M



LimbLogic M is a sleek, mechanical elevated vacuum pump with an discreet product mark.

PRODUCT HIGHLIGHTS:

- **Adjustable vacuum levels**
- **Low 3.6" build height**
- **Standard 4-Hole pattern**
- **Suitable for patient weight range of 100 to 330 pounds.**
- **No hoses or charging needed**

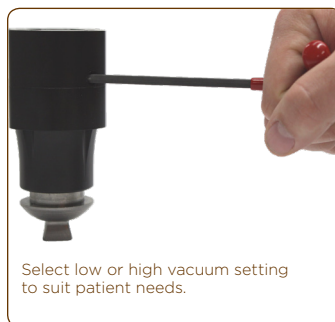
Overview

For transtibial amputees who prefer a simple, elevated vacuum system without compromising security, the LimbLogic M is an ideal option. This low build height, four-hole mount pump with rotatable distal pyramid provides clinicians easy set-up in a prosthesis and flexibility in componentry selection and alignment. With LimbLogic M an amputee may don their prosthesis and within a few steps have secure vacuum.

Distinguishing features of LimbLogic M are its adjustable vacuum settings and adjustable stiffness levels. Clinicians may select low or high vacuum settings by turning a screw on the posterior side of the pump. Additionally, by turning a screw inset into the distal pyramid, clinicians may increase or decrease the stiffness of the pump and its amount of shock absorption. With these features the LimbLogic M offers optimal patient comfort with secure elevated vacuum suspension.



Shock absorption reduces impact on a residual limb.



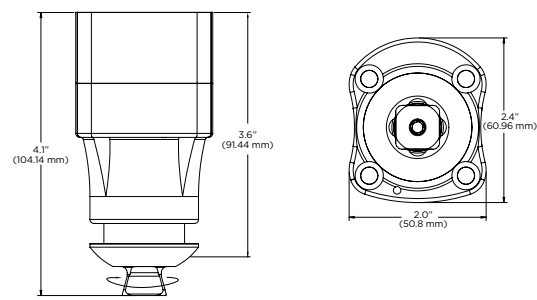
Select low or high vacuum setting to suit patient needs.



A Diagnostic Kit (LLM-11001) is available to check the vacuum level and aid in troubleshooting.

Ordering Guidelines: LimbLogic® M

- PRODUCT WEIGHT 475 g
- PRODUCT HEIGHT 4.1" (104.14 mm)
- BUILD HEIGHT Pump: 3.6" (91.44 mm)



- PATIENT WEIGHT Light: 100-170 lb (45-77 kg) for U.S. Activity Levels 2-4*
Standard: 160-330 lb (73-150 kg) for U.S. Activity Levels 2-3*
160-300 lb (73-135 kg) for U.S. Activity Level 4*
*Body weight plus any loads normally or routinely carried cannot exceed this weight limit.

- L-CODE SUGGESTIONS L5781, L5988
- WARRANTY 24 months from date of patient fitting
- TRIAL PERIOD 30 days from date of patient fitting

ITEM NUMBERS

Product	Item #
LimbLogic® M, Light	LLM-1001-L
LimbLogic M, Standard	LLM-1000-L
LimbLogic M Lamination Fabrication Kit	LLM-KIT-L
LimbLogic M Diagnostic Kit	LLM-11001

LimbLogic® Communicator



The LimbLogic Communicator and software interface allow clinicians to directly interact with LimbLogic controllers.

PRODUCT HIGHLIGHTS:

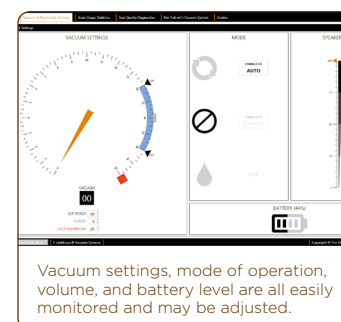
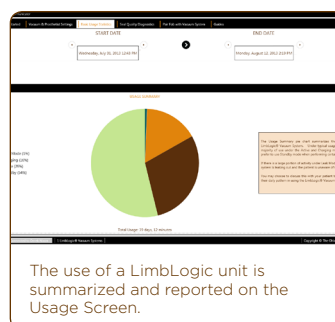
- **Manage patient LimbLogic units with ease**
- **Pair Fob with vacuum system and change vacuum levels**
- **Review system usage statistics**
- **Compare user usage data from one office visit to another**

Overview

Clinicians using LimbLogic now have the opportunity to interact with the controller without using the fob. The LimbLogic Communicator and software interface with a LimbLogic controller via BlueTooth® Low Energy technology. No longer will forgotten or misplaced fobs prevent clinicians from evaluating units and adjusting LimbLogic controller settings.

The LimbLogic Communicator software allows clinicians to set-up patients with new LimbLogic units as well as easily interact with patients already using LimbLogic. Clinicians may use the LimbLogic Communicator for programming, setting modes of operation, and using diagnostic tools:

- **Vacuum Settings:** view and adjust system settings such as the range of vacuum operations, operating mode, volume, and to monitor battery level.
- **Usage Statistics:** compare patients' system usage data, such as battery life/use, mode of use, and seal quality, from one office visit to another.
- **Configure Adaptive Vacuum:** switch between a higher and a lower vacuum level, depending on whether the patient is moving or resting.



Ordering Guidelines: LimbLogic® Communicator

SYSTEM

REQUIREMENTS

Platform:	PC
Operating System:	Windows XP (Service Pack 3) Windows 7
Port:	USB 2.0
Screen Resolution:	1600 x 900 recommended

HARDWARE

REQUIREMENTS

Processor:	1 GHz (minimum) recommended
RAM:	512 MB (minimum) recommended
Disk space:	32-bit: 850 MB 64-bit: 2 GB

TRAINING

Visit willowwoodco.com for video training series on how to use the LimbLogic Communicator to optimize use of the LimbLogic system.

WARRANTY

3 months from date of invoice on physical USB only

ITEM NUMBERS

Product	Item #
LimbLogic® Communicator	LLV-COM

A 9-part educational training video series is available at willowwoodco.com.

LimbLogic® Sleeve



The LimbLogic® Sleeve is available in colors Taupe and Black.

PRODUCT HIGHLIGHTS:

- **Innovative silicone sleeve with repositionable silicone cuff**
- **Recommended for use with LimbLogic® as well as other vacuum systems**
- **Enhances knee flexibility**
- **Repairable silicone for extended sleeve wear**
- **Uses proprietary platinum-cured, medical grade silicone**

Overview

The LimbLogic Sleeve works with the LimbLogic controller to ensure an airtight, secure system. This fabric-covered silicone sleeve comes with a separate silicone cuff. The cuff is placed directly over the socket's trim line for extra protection from wear and impact. The sleeve is then donned over the cuff.

The LimbLogic Sleeve has a repositionable silicone cuff allowing patients using elevated vacuum to fix a leak immediately. This clever, yet simple, design allows the cuff to be repositioned. Should a patient puncture their sleeve, they can rotate the cuff and immediately regain an airtight seal. Additionally, the fabric used on the LimbLogic Sleeve enhances knee flexibility for ease and comfort of movement.

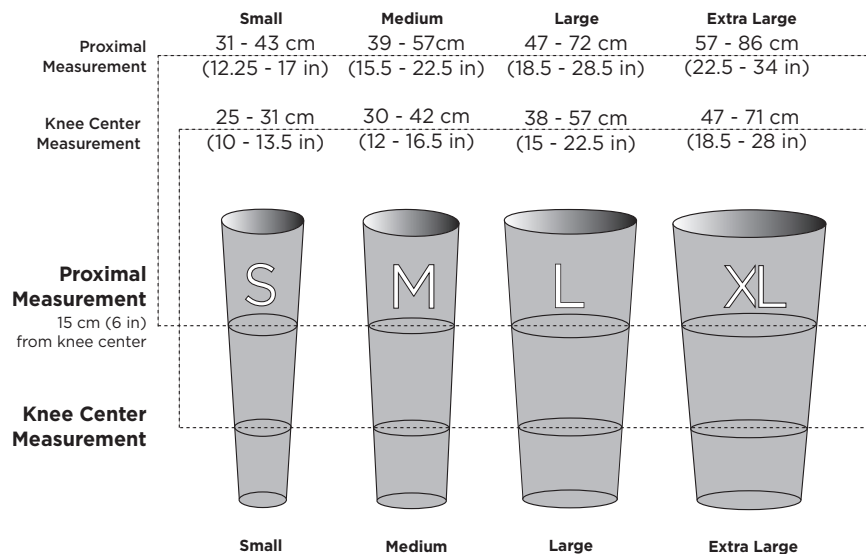


Partner the LimbLogic Sleeve with the LimbLogic system to create an airtight seal.

Ordering Guidelines: LimbLogic® Sleeve

SIZING GUIDE

Please refer to the illustrations for recommendations for fitting the LimbLogic® Sleeve.



PRODUCT COLOR Available in Taupe or Black

SLEEVE THICKNESS 3 mm

CUFF THICKNESS 2 mm tapering to 1.5 mm at proximal and distal

L-CODE SUGGESTIONS L5685

WARRANTY 3 months from date of patient fitting

ITEM NUMBERS

Product	Item #
LimbLogic® Sleeve with Cuff, Taupe, Small	LLS-CTSM
LimbLogic® Sleeve with Cuff, Black, Small	LLS-CKSM
LimbLogic® Sleeve with Cuff, Taupe, Medium	LLS-CTMD
LimbLogic® Sleeve with Cuff, Black, Medium	LLS-CKMD
LimbLogic® Sleeve with Cuff, Taupe, Large	LLS-CTLG
LimbLogic® Sleeve with Cuff, Black, Large	LLS-CKLG
LimbLogic® Sleeve with Cuff, Taupe, Extra Large	LLS-CTXL
LimbLogic® Sleeve with Cuff, Black, Extra Large	LLS-CK
Replacement LimbLogic® Sealing Cuff, Small	LLC-SM
Replacement LimbLogic® Sealing Cuff, Medium	LLC-MD
Replacement LimbLogic® Sealing Cuff, Large	LLC-LG
Replacement LimbLogic® Sealing Cuff, Extra Large	LLC-XL

LimbLogic® Adapters

The LimbLogic Plate and LimbLogic Pyramid are suitable for instances when there is insufficient clearance to mount a LimbLogic controller directly below the socket. The Vacuum Plate and Vacuum Pyramid allow practitioners to relocate the controller while maintaining the in-line design of a prosthesis. The components are ideal for knee disarticulations and long transfemoral patients. Additionally, the components allow practitioners to retrofit existing vacuum sockets for use with LimbLogic.

LIMBLOGIC VACUUM PLATE



PRODUCT WEIGHT	50 g
PATIENT WEIGHT LIMIT*	350 lb (160 kg) for U.S. Activity Levels 1-3 300 lb (135 kg) for U.S. Activity Level 4
WARRANTY	12 months from date of patient fitting
ITEM NUMBERS	
Product	Item #
LimbLogic® Vacuum Plate	LLV-01043

LIMBLOGIC VACUUM PYRAMID



PRODUCT WEIGHT	62 g
PATIENT WEIGHT LIMIT*	350 lb (160 kg) for U.S. Activity Levels 1-3 300 lb (135 kg) for U.S. Activity Level 4
WARRANTY	12 months from date of patient fitting
ITEM NUMBERS	
Product	Item #
LimbLogic® Vacuum Pyramid	LLV-01044

* Body weight plus any loads normally or routinely carried cannot exceed this weight limit.

