



Manufacturer

Nabtesco Mobility Assist

Assistive Products Department, Accessibility Innovations Company, Nabtesco Corporation
Uozakihamamachi 35, Higashinada-Ku, Kobe, 6580024 Hyogo, Japan
Tel: +81 (0)78 413 2724, FAX: +81 (0)78 413 2725
Email : welfare@nabtesco.com / Web: <http://welfare.nabtesco.com>

Nabtesco Mobility Assist

TM



Safety lock function



The knee locks in a desired position when knee is loaded and kept in that flexed position for a few seconds. This feature allows amputees to load weight on prosthetic side allowing amputee to transfer weight their prosthetic leg and rest their sound leg. This feature can be used for a variety of activities such as a squatting position, carrying a heavy object, and standing for a long period of time in a relaxed position.

Beneficial for patients with long residual limbs



When in a seated position, the four bar linkage folds under itself allowing for a more natural sitting position. ALLUX can offer increased choice of functional components such as rotator and pin liner system. ALLUX can also be an option for long transfemoral amputees who never had the option to wear a microprocessor knee because of length of their residual limb.

Remote control allows 5 different modes



There are 5 different modes you can program on the remote control based on patient's needs. If patient enjoys riding bicycle, we can program free resistance mode on one of 5 buttons. If the patient wants to go for a hike and prefers a higher flexion resistance for going down slopes this can also be programmed. This function has ability to expand flexibility in a patient's daily life.

Average battery life is 4 days. Emergency battery included for security



ALLUX battery life is approximately 4 days(5000 steps per day on prosthetic side). Charge an empty battery in 3 hours. In case of low battery, emergency battery can be used.

Great flexion angle in a microprocessor knee



Maximum knee flexion angle of 155 degrees is the greatest level of flexion angle in a microprocessor knee category. This wide flexion angle is good for movements such as kneeling, changing shoes etc.

Specification

Specification	NE-Z4	NE-Z4SH
Type	NE-Z4	NE-Z4SH
Name	ALLUX™	
Proximal connection	Pyramid	Threaded head
Height	11 1/2 in(295 mm)	11 1/3 in(287mm)
Knee weight	3.3 lb (1510g)	3.3 lb (1500g)
Max. flexion	155°	
Weight limit	K3(MOB3):125kg(275lb) K4(MOB4):100kg(220lb)	
Battery	Lithium ion battery	
Battery life	approx. 4 days (5000 steps per day on prosthetic side)	
Supplemental backup battery	Lithium ion battery	
Water resistance	IP42	
Activity level	K2~K4	

*Specifications are subject to be changed without a prior notice

Wireless dongle / Programming software

1. Wireless dongle
2. ALLUX™ software

WEB/ Video

3. ALLUX.info
4. QR code of ALLUX. info

Suggested L-Codes

- L5613: A/K Polycentric hydraulic swing
- L5856: Microprocessor control stance and swing with sensor
- L5845: Adjustable stance flexion
- L5848: Stance extension dampening adjustable
- L5850: Knee Extension Assist
- L5930: High Activity Knee Frame (K4 only)



1



2



3



4