ottobock.

ErgoArm Family

Lightweight and versatile.

Extraordinary Features

1 Internal, infinite-position lock

The lock can be unlocked or locked in any position, even under load.

2 Slip-stop function

The slip-stop function allows the patient to control the lowering of the forearm without having to fully release and reactivate the lock. The lock can bear a load of up to 230 N (51 lbs force), and will release if overloaded, preventing breakage.

3 Automatic Forearm Balance (AFB)

The energy released when extending the arm is stored with the help of AFB and is then subsequently used to support flexion. This gives the user the freedom to adjust compensation when necessary and allows for natural free swing of the forearm.

4 Easy Plug (electric through-connection)

The electrode and battery cables are simply plugged into the top of the turntable on the elbow ball, concealing all cables inside the prosthesis.

5 Electronic lock

The internal, continuously adjustable electronic lock can be locked or unlocked within milliseconds by myoelectric signals or by means of a switch.

Additional benefits

- Humeral rotation joint
- Adjustable friction
- Elbow ball color-matched to forearm shell
- Forearm can be shortened to a length of 305 mm, and to a circumference of approx. 250 mm
- Light weight: approx. 550 - 710 g

Holger is featured wearing ErgoArm 12K41 combined with the sturdy All Purpose Hook 10A12.

Ellbow component	ErgoArm 12K41	ErgoArm plus 12K42	ErgoArm Hybrid plus 12K44	ErgoArm Electronic plus 12K50
Feature				
Passive	●	●		
Body-Powered	●	●		
Myoelectric			●	●
Infinite Position Lock	●	●	●	●
Slip-stop function*	●	●	●	●
AFB		●	●	●
Easy Plug			●	●
Electronic Lock				●

*ErgoArm Electronic Plus: Electronic vs. mechanical slip-stop function.

Can be combined with:

MyoBock family
Electric Greifer 8E33=9-1
VariPlus Speed 8E38=9
SensorHand Speed 8E38=8

bebionic

Body-Powered
Passive Terminal Devices