

# Utah Arm 3+ (U3+)



Motion Control  
division of  
*Fillauer*®

# U3+ Utah Arm 3+ from Motion Control



Utah Arm 3+ (Tan)  
shown with optional  
MC Hand

## Product Description

The Utah Arm 3+ (U3+) is the industry leader in lightweight, externally powered elbows. At 900 grams it is the lightest microprocessor-controlled elbow available. The structural components of the U3+ have withstood the test of time, as the Utah Arm has demonstrated over 30 years of service to upper extremity wearers. This third-generation elbow adds high-strength plastic and advanced microprocessor control to the tried and true design. From machine shops to building log cabins, the Utah Arm U3+ will get the job done.

The U3+ plays well with others' components. Other companies' electrodes and input devices can be used to control the U3+. Combine that with the ability to connect any terminal device with a standard quick disconnect, and the prosthesis can be customized to the needs of the wearer.

The interchangeable, rechargeable battery will keep going throughout the day with a quick, simple change of batteries. Lithium-Ion design eliminates the concern of battery memory, and reduces the weight of the battery by nearly fifty percent. A supplemental, internal battery can also be added for high current-draw terminal devices.

In silent freeswing mode, the elbow drive is disengaged, resulting in a fluid, completely silent elbow swing that consumes no battery power.

A silent friction brake locks the elbow in an infinite number of positions without a sound, supporting a small amount of weight. For heavier loads, a secondary mechanical lock engages to support loads up to 22 kg/50 lbs.

## Satisfaction Guarantee

30 days from date of shipment

## Warranty

- 2 year limited warranty
- Additional 2 year extended limited warranty available

## Product Features

- Simultaneous or Sequential Control
- Light weight - the lightest microprocessor-controlled elbow
- Rugged - carry up to 22 kg/50 lbs with the elbow locked
- Versatile - compatible with virtually every input device and almost all terminal devices
- Interchangeable Li-Ion batteries and supplementary battery option
- Includes 5 Li-Ion batteries and 2 chargers, passive humeral rotation with adjustable friction, lamination collar, forearm endcaps, and coax connector
- Silent Freeswing - allows natural swing while walking; consumes no battery power
- Silent Friction Lock - locks the elbow in an infinite number of positions, without making a sound
- Available in Tan, Brown, and Jet Black
- 2 year limited warranty

## Optional Features

### Input/Switch Options

- Linear Potentiometer
- EMG (Triad preamps)
- Switch Control
  - Hand/Wrist switching, or direct switch control of wrist
  - Elbow Lock/Unlock

### MC Electric Wrist Rotator

### Terminal Devices

- MC Electric Terminal Device (ETD or ETD2)
- MC Hand
- Compatible with TASKA®, i-limb® and bebionic® hands, and other manufacturers' terminal devices

COAPT Complete Control™ compatible

2 year extended limited warranty (4 years total)

## Specifications

**Operating Temperature:** 0° to 44° C (32° to 110° F)

**Transport & Storage Temperature:** -18° to 60° C (0° to 140° F)

**Excursion Range:** 135°

**Active Lift:** 1 kg/2.2 lbs

**Battery:** 1150 mAh rechargeable, interchangeable Lithium-Ion

**Operating Voltage:** 14.4 Vdc (7.2 Vdc power to terminal device)

**Load Limit:** 22 kg/50 lbs (+/- 10%) locked

**Forearm Length:** Maximum - 32 cm/12¾ in (with extensions)

Minimum - 27 cm/9 in (short forearm option)

More specifications at [www.UtahArm.com/U3Plus](http://www.UtahArm.com/U3Plus)

## Ordering Information

[www.UtahArm.com/Catalog](http://www.UtahArm.com/Catalog)

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[www.UtahArm.com](http://www.UtahArm.com)

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