

# Utah Arm 3 (U3)



Motion Control  
division of  
*Fillauer*®

# U3 Utah Arm 3 from Motion Control



Utah Arm 3 (Brown)  
shown with optional  
MC ETD and Flexion Wrist

## Product Description

The Utah Arm 3 (U3) is a light weight, microprocessor-controlled electric elbow. 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.

A mechanical lock engages to support loads up to 22 kg/50 lbs.

Without sacrificing performance or durability, the U3 keep the cost down when reimbursement is a challenge. It provides the wearer with a relatively inexpensive, externally-powered microprocessor-controlled prosthesis, without the sacrifice of function.

## 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
- Lower cost - maximize reimbursement
- Includes 5 Li-Ion batteries and 2 chargers, passive humeral rotation with adjustable friction, lamination collar, forearm endcaps, and coax connector
- 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/U3](http://www.UtahArm.com/U3)

## 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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