



## Mark IV Tag Injector

The Mark IV Tag Injector automatically cuts and injects Coded Wire Tags in a single operation. It is splash proof and extremely robust, and is designed to inject millions of tags with a minimum of servicing. Around a billion CWT have been processed by Mark IVs since they were introduced in 1986.

The Mark IV Tag Injector can inject half length (0.5 mm), standard length (1.1 mm), one and a half length (1.6 mm) or double length (2.2 mm) tags. It is usually deployed with the Quality Control Device (QCD). The QCD verifies the presence of a tag and automatically separates tagged and untagged specimens. Other detectors, such as a Handheld Wand or V-Detector can also be used to verify the presence of a tag. Many tagging parameters can be set

using the keypad and on-board LCD display. The injector tallies total counts for injector cycles and QCD detections, as well as user-defined batch counts.

The MKIV can be used with a head mold to position the fish for injecting tags in the snout or with a needle support tube for tagging in other locations. The tag is injected by pressing a button on the injector or by use of a foot or touch switch. An optional transit case is available for the Mark IV.

Tagging rates vary according to the species, size of the animal being tagged, the tag location, efficiency of the operating site and tagging experience. Rates of 600-800 animals per hour are typical for an experienced operator.



## Specifications

Accessories supplied as standard: Tool kit, pack of five needles, three non-custom head molds, power supply, touch switch or foot switch, and instruction manual.

Accessories available as extras include: Transit case, battery adapter cable, foot switch, touch switch, needles, head molds, head mold fabrication kit, needle support tube.

Dimensions (ready to use): 11 x 10 x 8 inches (28 x 25 x 22 cm); 17 lb (8.2 kg)

Shipping dimensions: 18 x 16 x 19 inches (46 x 41 x 48 cm); 35 lb (15.9 kg)

Shipping dimensions in optional transit case: 18 x 16 x 15 inches (46 x 41 x 38 cm); 43 lbs (19.5 kg)

The Mark IV operates on 24 volt DC and can be powered by batteries or by an appropriate power supply which is provided. NMT can provide power supplies suitable for use in any country, operating on 100-250 V AC.

The Mark IV Tag Injector carries the standard Northwest Marine Technology warranty and can be purchased or rented.

For further information please visit our website [www.nmt.us](http://www.nmt.us) or contact NMT by phone +1-360-468-3375 or by email:

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