



Mark IV Automatic Tag Injector

For use with NMT Coded Wire Tags

The Mark IV injector automatically cuts, magnetizes 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 IV injectors since they were introduced in 1986.

The Mark IV can be used to inject all types of CWT (see price list). The Mark IV injector is usually deployed interconnected with the Quality Control Device. The QCD verifies the presence of a tag and automatically separates tagged and untagged specimens. Other detectors, such as the Wand or Portable V Detector can also be used to check the presence of a tag. Many tagging parameters can be set using the keypad and on-board LCD display. The injector also keeps total counts for injector cycles and QCD detections, as well as user-defined batch counts.

The Mark IV can be used with a head mold to position the fish for injection of the tag in the snout (usual location for tagging salmonids) 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.

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



The Mark IV operates on 12-28 volts 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 120-240 V AC.

The injector is supplied in a strong transit case with a detailed instruction manual, a power supply, tool kit, touch switch (or foot switch), choice of three head molds, a pack of needles and tough transit case.

The Mark IV injector carries NMT's standard warranty and can be purchased or rented.



Specifications.

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

Accessories available as extras include: Battery adapter cable, foot switch, needles, head molds, head mold fabrication kit, needle support tube, CWT detection standard, MagniViewer, tag reading jigs and “pencils”, software upgrades to current (v.4.6) specification.

Dimensions (ready to use) 11 x 10 x 8 inches (28 x 25 x 22 cm)

Weight (ready to use) 17 lb (8.2 kg)

Shipping dimensions (in transit case) 18 x 16 x 15 inches (46 x 41 x 38 cm)

Shipping weight (in transit case) 43 lbs (19.5 kg)

Power requirements: 12-28 v DC, about 50 Watts. Power supplies available for 110-250 V AC.

Tag types available: see Coded Wire Tagging System brochure or price list.

Head molds available: a wide range for different species and sizes of fish – see head-mold specification sheet.

Further information is available on our web site: www.nmt.us

Contacting NMT

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