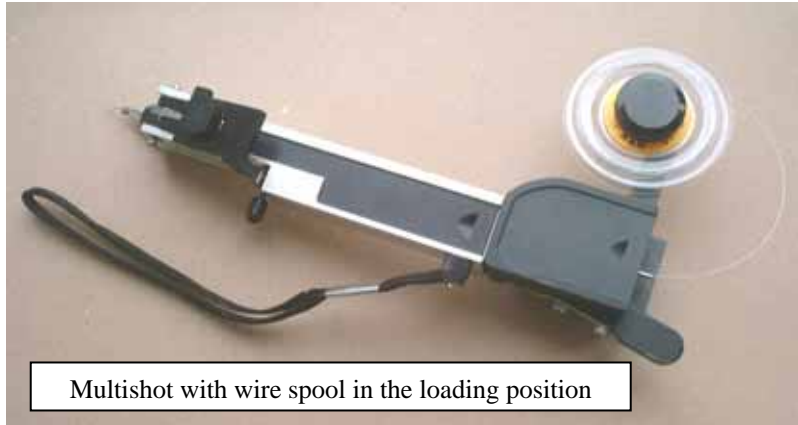


# Multishot hand-held Injector

*For use with NMT Coded Wire Tags*

The Multishot is a small, portable hand-operated field injector for coded wire tags (CWT). It is intended for situations where small to medium numbers of animals are to be marked, for example on field surveys or limited-scale hatchery programmes. It is designed for tagging batches of hundreds or a few thousand animals. It is not intended as a replacement for the Mark IV which is the tool of choice where tens of thousands or more animals have to be tagged at one time. The multishot can also be useful for tagging larger fish, where positioning them for tagging with a Mark IV would be difficult. It is made from high grade aluminium, delrin and stainless steel, and is suitable for use in both freshwater and saltwater environments as long as the requirement for daily cleaning is strictly observed.



Multishot with wire spool in the loading position

The Multishot uses the same spools of tag wire as the Mark IV, and cuts, magnetises and injects individual tags as they are used. It can be used for standard, 1.5 length, double length, and sequential CWT, but cannot be used for half-length tags. A Wand Detector or V Detector are generally used alongside the Multishot to check each animal for the presence of a tag for quality control. The injector may be fitted with an electronic cycle counter as an option.



Multishot being used to inject a CWT into the cheek muscle of a small trout, using a needle support tube.

The Multishot can be used with either a head-mold for snout tagging of salmonids and other species, or with a needle support tube for tagging in other body locations in a wide range of species. Among the many species successfully tagged using a Multishot are salmon, trout, snapper, crabs and lobsters. Tagging rates will depend upon the species and size of animals being tagged, and on the facilities available at the site, but rates of several hundreds of animals per hour can be achieved.

A field kit containing a range of the most commonly needed spare and replacement parts is available as an accessory. This is strongly recommended for all situations where a break in the tagging program for repairs would be problematic.



## Specifications.

**Accessories supplied as standard:-** Carrying case, tool kit, pack of five needles.

**Accessories available as extras include:-** head molds, head mold fabrication kit, needle support tubes, field spares kit.

**Dimensions** (ready to use) 11 x 2 x 2 inches (28 x 5 x 5 cm)

**Weight** (ready to use) 0.7 lb (300 g).

**Dimensions** (in carrying case) 12 x 7 x 5 inches (31 x 18 x 12 cm)

**Weight** (in carrying case, including tools) 2.6 lbs (1.2 kg)

**Shipping dimensions** 14 x 9 x 6 inches (36 x 23 x 15 cm)

**Shipping weight** 5 lb (2.3 kg)

**Power requirement** None – hand powered.

**Further information is available on our web site: [www.nmt.us](http://www.nmt.us)**

## Contacting NMT

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