

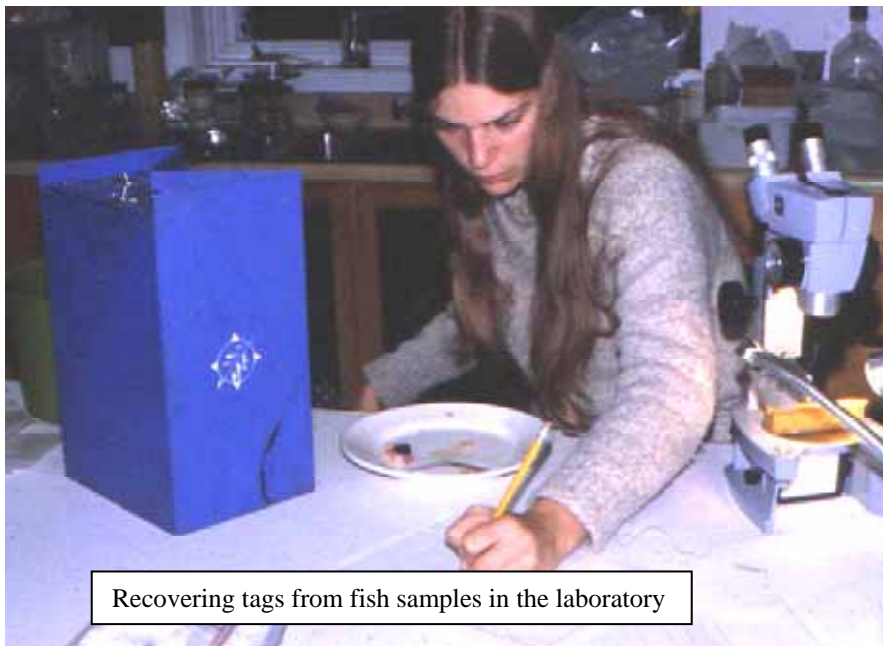
# Portable V-Detector

*For use with NMT Coded Wire Tags*

The V-Detector (formerly called the Portable Sampling Detector) is a tough and reliable derivative of the original CWT detector. It operates by detecting small changes in the magnetic field that are caused when a tagged specimen is moved past the sensors located in the V-shaped sides of the instrument. It will detect all CWT formats, including half-length tags. The machine can be set to trigger an audible and/or light signal when a tag is detected. Since the introduction of the Wand Detector the role of the V-Detector has been concentrated more in hatchery and laboratory situations. The detector must be positioned on a firm surface, or mounted using threaded sockets provided. It is light and rugged, and is protected to tolerate a damp atmosphere and splashing, even in marine conditions. It runs for about 100 hours on a single 9 volt alkaline battery. The detector is supplied in a strong storage and transit case.



The V-Detector is the device most often used to aid recovery of tags from a recaptured animal. The specimen (whole fish, or for example the head) is checked to confirm that a tag is present. The specimen is then split, for example by cutting in half or by excising the section most likely to contain the



Recovering tags from fish samples in the laboratory

tag. Each part is then checked with the detector, and the part containing the tag further divided. This process is continued until the tag is isolated in a small sample of tissue in which it may be seen and from which it can be recovered using a tag-reading “pencil” for decoding. With practice this tag recovery procedure is likely to take less than a minute.

The V-Detector carries the NMT standard warranty and can be purchased or rented.



## Specifications.

**Dimensions** (ready to use) 15 x 9 x 7 inches (37 x 23 x 18 cm)

**Weight** (ready to use) 8 lb (3.6 kg)

**Dimensions** (in transit case) 17 x 12x 10 inches (43 x 30 x 25 cm)

**Weight** (in transit case) 20 lb (9 kg)

**Shipping dimensions** As above (detector in transit case).

**Power requirement** 9v alkaline battery (disposable).

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

## Contacting NMT

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