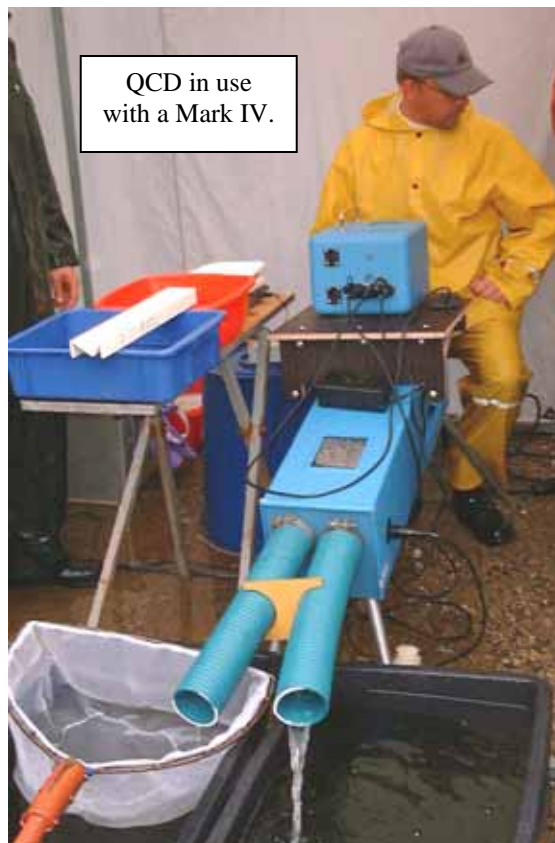


Quality Control Device

For use with NMT Mark IV Coded Wire Tag Injector

The Quality Control Device (QCD) operates as an accessory to the Mark IV tag injector, to which it is connected by a 3m cable. It will operate with all CWT formats, including half-length tags. After tagging, the operator drops the fish into the QCD inlet tray and it is carried through the device by a small flow of water. The QCD detects the presence of a tag passing through it, and separates tagged and untagged fish. It passes the information on each tag detected back to the Mark IV, which maintains a record of the number of tagged fish passed through the QCD. An audible alarm sounds if no tag has been detected by the QCD before the Mark IV is used to tag another fish.



The lack of such an alarm signal tells the operator that each fish being passed into the QCD has a properly magnetized tag. Any fish without a tag is of course diverted to a separate container and can be immediately recovered for examination. The QCD can also be used to separate small tagged and untagged fish at any time - for example to check for tag retention some time after tagging - but it must be connected to a Mark IV to do so. The tube of the QCD has an internal diameter of 2.5 inches (63mm) which dictates the upper limit to the size of fish with which it can be deployed. The water pressure through the diverter jets, used to separate tagged and untagged fish, is adjustable to handle different sizes of fish.

The QCD is constructed from high-quality materials and is suited to operating with fresh or salt water. Lightweight components and folding legs make it easy to transport and set up. A water supply or pump delivering at least 11 litres per second is needed, and most of the connectors are standard hose or "quick connect" type. It is supplied in a tough transit and storage case. The QCD carries the NMT standard warranty and can be purchased or rented.



Specifications.

Dimensions (set up ready to use) 30 x 9 x 45 inches (76 x 23 x 114 cm)

Weight (ready to use) 40 lb (18 kg)

Dimensions (in transit case) 43 x 16 x 16 inches (109 x 41 x 41 cm)

Weight (in transit case) 76 lbs (35 kg)

Power requirement 12-28 volts DC, supplied via cable from the Mark IV.

Water requirements 11 litres per minute.

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

Contacting NMT

North America, Central America, South America, Pacific Islands, Australia, New Zealand

For orders, information on product and prices contact Customer Service, Shaw Island, WA, USA

Tel: (360) 468-3375 Fax (360) 468-3844 email: office@nmt.us

For inquiries regarding biology and fisheries management contact NMT Biologists, Tumwater, WA, USA

Tel: (360) 596-9400 Fax: (360) 596 9405 email: biology@nmt.us

Europe and Africa

For orders, general inquiries, including those relating to biology and fisheries management contact Dr. David Solomon in Great Britain,

Tel: +44-1725-512523 Fax: +44-1725-512964 email: david.solomon@nmt.us

Asia

For orders, information and prices in Asia contact Mr Yong Huang, in Tumwater, WA, USA

Tel: (360) 455-4731 Fax: (360) 455-4814 email: yong.huang@nmt.us

For inquiries regarding biology and fisheries management in Asia contact Mr Stan Moberly, in Tumwater, WA, USA

Tel: (360) 596-9400 Fax:(360) 596-9405 email: stan.moberly@nmt.us