

Introducing the **COMBO** Neptune **DDD Computerized Can Scanner** with the latest WIN-CCS software version **and Thermo Ramsey Checkweigher**



Dud detection and checkweighing in the same space

PRODUCTIVITY AND AFFORDABILITY!

The use of a Checkweigher and Double Dud Detector prior to final shipment of canned product has proven to be an effective method to verify can integrity programs. The unique combination of the many years of Checkweigher manufacturing of Thermo Ramsey are combined with many years of Dud Detector experience from Neptune Dynamics to produce a truly effective tool to find and eject defective cans, and help verify container integrity. The Combo DDD/CW protects your product and brand integrity by providing inspection as part of a high speed production line.

Neptune Dynamics Limited

ENGINEERING, MACHINERY DEVELOPMENT, SALES & SERVICE SINCE 1975

Combo Double Dud Detector/ Checkweigher

This Combo System, DDD/CW features the performance and accuracy of the AC4000i Checkweigher with the high sensitivity of the Neptune DDD with WIN-CCS, Double Dud Detector. The unique partnering of the two systems eliminates the expense of a separate conveyor for the dud detector and saves you valuable production line floor space. The weigh frame is a critical part of every checkweigher/dud detector system. In practice, checkweighing accuracy and dud detection sensitivity are directly related to the dynamics of the frame.

The Icore Autocheck 4000i by Thermo Ramsey offers the latest technology and provides reliable, accurate solutions to a broad range of automatic in-line checkweighing applications.

Output signals from the dud detector and the checkweigher operate independent rejects. While one rejects possibly defective cans, the other rejects off weight products. The AC4000i has the design capability of a basic checkweigher or a sophisticated comprehensive statistical system. Availability of three weight zones, fifteen product set-ups, auto zero and a host of features make the AC4000i very user-friendly.

The Neptune DDD with WIN-CCS is accurate, fast and reliable. The WIN-CCS will eject the right cans!

It will eject cans which have lost vacuum, are deformed or swollen. In addition, it will continually adjust to eject a pre-set percentage of cans for hand inspection.

The Neptune DDD with WIN-CCS is the latest update of the Automatic Double Dud Detector, in use since 1986. This machine is the foundation of the Canadian Can Integrity Program and was developed specifically for the Canadian Department of Fisheries Bulletin 33. Every Neptune DDD with WIN-CCS is factory assembled, calibrated and tested.

Built-in diagnostics, easy to use program and comprehensive training for each installation allows the factory to quickly learn to find and remove defects before shipping canned product.

The Neptune DDD will find and eject defective cans. It will find and eject those common can defects where there is typically a loss of vacuum:

The Neptune DDD (Computerized Can Scanner) ejects a biased sample which is examined by the operator and either returned to the production line if good order or rejected if defective, and used to help the factory resolve operating problems.

The Combo-DDD/CW is also available with infeed spacing belts, discharge conveyors, a variety of reject devices as well as visual and audible alarms.

Technical data

Length: 48 inches (m.)
Width: 25 inches (0.635 m.)
Height: 69 inches (1.75 m.)
Weight: 675 pounds (306 kg.)
Shipping weight: 850 lbs (368 kg.)
Capacity: up to 600 cans/minute

Power required:
380/120 VAC, 2/8 amps, 50/60 Hz
Air required: 1 cfm @ 40 psi
Can diameter size range: 211 to 603
Height adjustment according to individual buyer's requirement

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We reserve the right to make modifications to this equipment without notice

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