Thermo Scientific Versa Combination Systems – Checkweighers with Metal Detectors

Add leading metal detection technology to flexible checkweighing solutions to minimize space and integrate operation

The Thermo Scientific™ Versa Combination Systems are designed to provide a wide range of weighing and metal contaminant detection solutions. They feature a reduced total footprint compared to separate checkweighers and metal detectors and combine important functions like program changes, alarms and rejection statistics in the checkweigher software.

For the highest level of food safety and integration, the Thermo Scientific™ Sentinel™ metal detector with Multiscan technology can be mounted either on the weighframe or on an external infeed conveyor. A modular, flexible design allows users to select a Thermo Scientific™ Sentinel 3000 or 5000 metal detector to be paired with a Thermo Scientific™ VersaWeigh™ or Thermo Scientific™ Versa GP checkweigher.

Features and benefits

- Several metal detector model options to optimize system size, sensitivity and price
- Wide range of checkweigher belt widths and lengths to fit your production line
- Dual rejecters separating foreign objects from over/ under weights to facilitate root cause problem determination and action
- Sentinel metal detector interface can be displayed on the Versa touchscreen making combined set-up and operation easier and faster

Combo configuration guidelines

Metal Detector Model	Checkweigher Model	
	VersaWeigh	Versa GP
Sentinel 5000	Freestanding infeed required	
Sentinel 3000	Integral to checkweigher frame	

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Checkweighers available as combos

	VersaWeigh checkweigher	Versa GP checkweigher
Design	Widest application range	Cantilever design
Weight range	10g to 10kg weighing range, high accuracy	10g to 3kg weighing range, ultra-high accuracy
Throughput*	Up to 400 packs per minute throughput	Up to 400 packs per minute throughput
Material handling	Belt	Belt
Cleaning**	Light wash down, IP65	Light wash down, IP65

* Pack rates dependent upon package length, weigh table length and data output/archiving
** For other cleaning and sanitation requirements contact factory

For more information on each checkweigher model visit **thermofisher.com/checkweigher**

Metal detectors available as combos

	Sentinel 5000 metal detector	Sentinel 3000 metal detector
Sensitivity	Very high	High
Case width	Starting at 330 mm	250 mm
Technology	Multiscan for high sensitivity and probability of detection	Multiscan for high sensitivity and probability of detection
Flanges to reduce metal free area	Optional	Standard
View metal detector interface on checkweigher screen	Yes	Yes
Cleaning	IP69K	IP69K

For more information on each metal detector model visit **thermofisher.com/metaldetection**

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