

COMBO METAL DETECTOR & CHECK WEIGHER

Featuring world-class supplier accessories, metal detector heads based on hard fill technology and high- performance weight detectors are supported with auto settings via intelligent algorithms to achieve excellent accuracy and easy operation.

The trueCARE's Metal Detector and Checkweigher parameters configured in the same product parameterization, and operate in the same interface, reducing the incidence of erroneous operation with a unified intelligent learning algorithm and parameter settings to achieve the metal detector and checkweigher in one machine only.

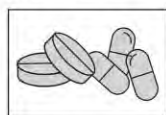
Unified touch screen operation and control, stable, simple and reliable.

Standard Features

- Stable performance with high sensitivity.
- Constructed with SS 304, complies with GMP requirements.
- Programmable for different products to optimize sensitivity and safety.
- Large touch screen interface for intuitive operation, extensive data storage, and compact design for small spaces. ARM controller with digital signal processing for audio and graphic indication of metal contamination detection.
- Highly sensitive loadcell to detect and verify product weight.
- Rapid, integrated rejection mechanism minimizes material waste.
- Highly stable and extremely sensitive, engineered to eliminate external interference factors like vibration, noise, and product effects.
- Simple installation, operation, and maintenance ensure reliable detection of very small contaminants with highly accurate weight checking.



Applications



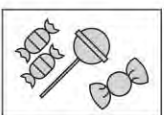
Tablet/Capsule



Liquids



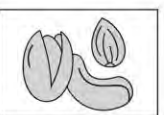
Ointment/Cream/
Paste/Gel



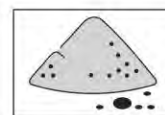
Confectionery



Grains



Dry-fruits & Nuts



Powder



Fruits & Veg.

Technical Specification

Model	TCB 150	TCB 220	TCB 300	TCB 500	TCB 600
Weighing Range	2-300 gm	2-1000 gm	5-4000 gm	0.02 kg-50 kg	0.05 - 100 kg
Minimum Scale	0.01 gm	0.1 gm	0.1 gm	1 gm	1 gm
Best Accuracy	± 0.1 gm	± 0.3 gm	± 0.5 gm	± 1 gm	± 1 gm
Max. Throughput (pcs/min)	250	150	100	60	40
Detector Height	100	120	150	200	250
Detecting sensitivity (Ømm)	According to the type of Metal Detector				
Weight Belt Width	150	220	300	500	600
Weight Belt Length	200/250/300	350/450/550	450/550/700	680/1300	1300
Parameter Setting	By Intelligent Product Learning				
Belt Height	800± 50 mm (Can be customized)				
Rejection Option	Pusher, Flipper, Flap Down, Down Belt				
Power Supply	AC220V, 1 Phase, 50/60Hz				