

X-ray CombiWeigher

In-line weighing and foreign body detection



Increasing Line Efficiency

Large user friendly 15" full colour touch screen, combines both systems in a single user interface, reducing possible operator errors, increasing productivity.



Compact design saves space

in your production line through small foot print. This innovative concept can be enhanced with an optional, narrow catch bin consisting of two chambers for rejects.



Industry best safety standards

METTLER TOLEDO X-ray CombiWeighers are built to the highest safety standards in the industry – protection and safety of the highest level.



Reduce costs, protect your brand

ensuring reliable rejection of either incorrect weight or contaminated products in one single unit with full local weighing standards approval, MID certifiable – performing true weight measurement.



HACCP compliant design

The open design, curved surfaces and refined materials reduce adhesion of dirt and ensure easier cleaning as well as protection of your investment.



XS3 AdvanCheK – precision weighing and reliable detection of foreign bodies

The X-ray CombiWeigher XS3 AdvanCheK offers highly accurate weighing and simultaneously checks your products for foreign bodies, protecting not only consumers but also the good reputation of your brand.

The X-ray system can detect contaminants such as metal, glass and stone. Minimum training is required to set up menus – thanks to an "auto setup" software wizard ensuring minimum downtime. The X-ray CombiWeigher from METTLER TOLEDO is a compact and cost-effective solution – ideal for use in the food industry. This combination unit performs true weight measurement and the world's best sensitivity X-ray inspection.

Technical data

X-ray CombiWeigher XS3 AdvanCheK

– the complete solution for the highest product safety and precision checkweighing

Thanks to its compact design, the unique X-ray CombiWeigher XS3 AdvanCheK takes up far less space in a production line than two separate systems. The innovative X-ray technology protects consumers from product contaminations while the precision weighing system delivers accurate weight data – at a high throughput.

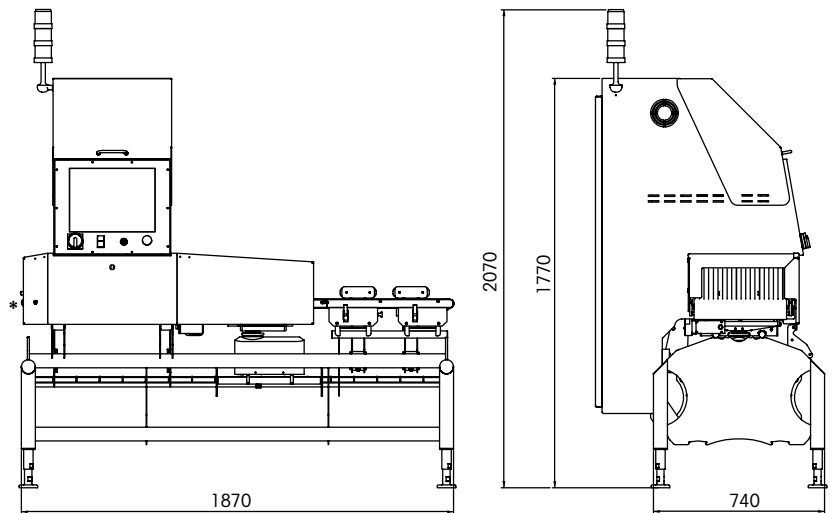
The optional filling machine feedback control prevents costly overfilling – which means the production inspection system pays for itself within a short time, so the return on investment (ROI) is quick.

Characteristics X-ray CombiWeigher

- Certifiable design (MID)
- Latest weighing technology for highest accuracy
- Classification in up to 7 weight classes
- Automatic or manual reset
- AdvanCheK technology for foreign body detection
- Choice of operating languages
- Flexible integration into production lines
- Password protection and profiles for multiple users
- Detection of foreign bodies in the form of metal, glass, stone, plastic and ejection of contaminated products
- Low power consumption
- 115/230 V~, 50/60 Hz, 1 phase, approx. 1000 VA

Operating terminal

- Touchscreen colour display, 15" TFT, resolution 1024 x 768 pixels (XVGA)
- User friendly: TachoControl, menu navigation, user profiles, visibility from large distance
- Display of all important, current weighing data, production screens and configuration screens, e.g.:
 - Product contamination display
 - Special counter for contaminated products
 - Full operation of X-ray system and checkweigher from a single terminal
- Windows-based controller, XP-embedded
- 200 article memory locations (200 product memories)



Dimension drawing of the XS3 AdvanCheK – typical dimensions in mm – custom dimensions on enquiry

* The design of the infeed area's guard depends on the product dimensions (in particular the height) and may require an additional housing.

Options and accessories

- Automatic feedback control of filling processes
- Statistics and analysis programs
- Choice of monitoring devices (e.g. product backup detection)
- Choice of interfaces (e.g. for weight data)
- Wide range of optional infeed and outfeed belts
- Choice of sorting/rejecting devices
- PrintStick or printer
- IP65 water ingress protection
- Stainless steel design
- Other special accessories

** depending on the design and dimensions of the weighing belt used.

*** within the approved tolerances, depending on the weight, dimensions and transport behaviour of the product being weighed.

Technical data

Technical data	X-ray CombiWeigher
Weighing range**	within the range 0 to 6000 g, specific to article weight
Accuracy*** (3 Sigma)	from ± 0.1 g
Throughput (weighings/minute)	max. 300
Roller centre distance (A-A), X-ray conveyor	750 mm
Belt width (B-B), X-ray conveyor	400
Roller centre distance (A-A), weighing conveyor	250, 300, 400, 500, 600 mm
Belt width (B-B), weighing conveyor	200, 250, 300, 400 mm
Roller centre distance (A-A), outfeed conveyor	500, 600, 800, 1 000, 1 200 mm
Belt width (B-B), outfeed conveyor	200, 250, 300, 400 mm
Standard sorting device	two pushers
Safeline X-ray technology	unique low-energy technology for optimum detection sensitivity
Safeline X-ray sensor	USB multi-mode high stability detector set
Inspection width	400 mm
X-ray generator output	choice of 84 kV/1.2 mA or 70 kV/1.5 mA or 50 kV/2.0 mA