

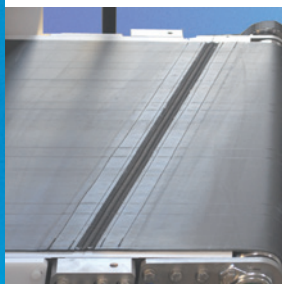
XE100 CC Compact

High Load Weighing and Metal Detection



Extremely Compact

The combination of special industrial construction materials, the extremely small "metal free zone" and the compact and highly efficient load cells allow for the maximum functionality in the smallest footprint to minimise integration efforts.



Innovative Conveyor Belt

A true innovation in product inspection conveyor belt design. The quick release mechanism within the belt material allows a belt change in minutes without having to dismantle or remove any mechanical parts.



Multilingual Terminal

The 7" XE terminal is pre-configured with 28 different languages to support global business relations and controls both checkweighing and metal detection operations. It is designed to reduce operator errors and ease integration, service and training requirements.



Extremely Reliable

All weighing and metal detection components represent the very latest technological advances giving the maximum weighing accuracy and metal detection reliability. The XE100 CC Compact is an ideal Critical Control Point in product quality programmes.



Global Service Support

An extensive global service network fully supports cross-border contracts and ensures not only timely support but also the availability and quick delivery of spare parts to reduce downtime and keep processes running smoothly.



Complete Inspection System

Two Technologies – One Conveyor

The Combichecker XE100 CC Compact is the first product inspection system which weighs and detects metal contamination using a single short conveyor. The innovative mechanical design not only allows for the extremely small footprint but also enables the transport and drive belt to be changed within minutes to drastically reduce service downtime and effort.

Using the XE100 CC Compact provides businesses with the following key benefits:

- Extremely compact construction
- Patent pending system design
- Central multilingual operating terminal
- Proven weighing accuracy
- Highest metal detection sensitivity
- Global service and spare parts support

Technical data

XE100 CC Compact

– Fulfills your integration requirements

The XE100 CC Compact weighing and metal detection combination system offers a wide range of standard features and options to further ease integration and configuration. It has been designed as an effective, efficient and compact solution for product inspection requirements especially in bulk food, chemical and plastic industry applications.

The high quality construction materials and precision engineering are a hallmark of all METTLER TOLEDO weighing and metal detection systems and ensure the reliability, accuracy and detection sensitivity you require to get the best possible performance from your application.

This page outlines the most important technical details, features and options.

Characteristics

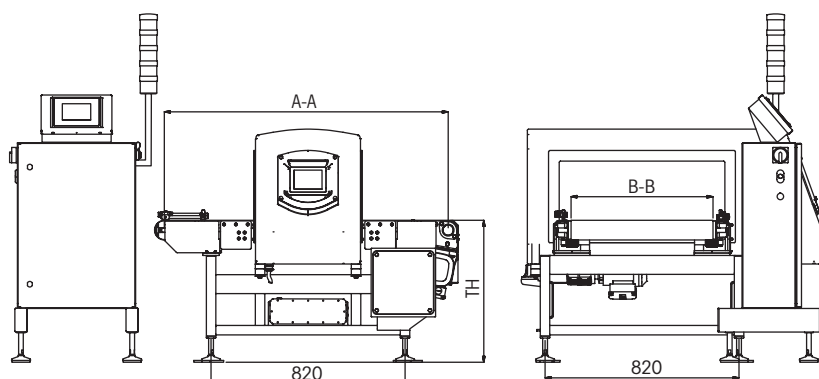
- "Weights and Measures" design-approved in certain countries, MID certifiable
- Access protection by password
- Weight classification up to 5 zones plus "metal"
- Signal lights pole with 4 lamp elements (stack lights) or horn
- Automatic or manual re-zeroing (setting to null)
- Operator prompts (dialogues) in various user-set languages
- Electrical ratings 115/230 VAC, 50/60 Hz, single-phase, $\geq 1\,500\text{ VA}$

Weighing Terminal

- 100 product memories
- Simple operation, various languages
- Bright, high-contrast colour touchscreen display 7" widescreen (800 x 480 px)
- Comprehensive display of current weight data and product screens as well as configuration screens
- Windows-based control, XP embedded

Options and Accessories

- E. C. approved statistics programs for evaluation
- PrintStick or printer for the data output
- Backup detection
- Choice of interfaces for weight transmission
- Remote display Garvens FAZ W100
- For line height (TH) $\geq 750\text{ mm}$ only: control cabinet horizontally mounted on the checkweigher framework
- Sorting/rejecting contact (potential-free)
- ProdX interface
- FreeWeigh.Net® (METTLER TOLEDO SQC system)
- Further special options and accessories



Schematic XE100 CC Compact – standard version: separate control cabinet (upright) with weighing terminal on the top; typical dimensions in mm

Technical details, checkweigher

Weighing range	0 to 60 kg
Accuracy* (at 3 Sigma)	from $\pm 20\text{ g}$
Throughput (weighings/minute)	max. 80
Roller centres, weighing and metal detection conveyor (A-A)	1 200
Belt width, weighing and metal detection conveyor (B-B)	600
Line height (TH)	500 to 1 000 mm ($\pm 50\text{ mm}$)
Standard rejecting device	none (conveyor stop and alarm)

* depending on the throughput, weight, dimensions and transport behaviour of the product being weighed

Metal detector with 3 (low or high) fixed frequencies

Pass width (mm)	700
Pass height (mm)	300
Usable height (mm)	260



Mettler-Toledo Garvens GmbH

Kampstrasse 7
31180 Giesen, Germany
Telephone +49 (0) 5121 933-0
Facsimile +49 (0) 5121 933-456
e-mail garvens@mt.com

Subject to technical modifications.

© Mettler-Toledo Garvens GmbH, 31180 Giesen, Germany

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www.mt.com/garvens

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