

In-line checkweighers

With the Econus®, Synus®, Flexus® and EWK CD VV, we offer a complete product portfolio in this segment, covering a product throughput of up to 600 pcs. per minute. Each of the checkweighers feature a durable and sturdy mechanical construction with sufficient mass to ensure weighing accuracy and repeatability at the highest speeds.

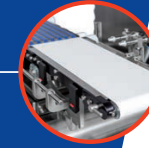
Flexus®

Flexus® combines hygienic design with flexibility and maximum performance. It was engineered in accordance with the strict hygienic requirements for packaged foods. With its wide range of configuration options, it meets practically any requirement. Further features include:

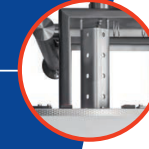
- Optional weights & measures approval
- EMFC high-resolution weigh cell technology, combining maximum throughput with maximum precision
- Optimised standard configurations for versatile applications
- Can be combined with Vistus® metal detectors
- Minimum machine weight: approx. 260 kg, depending on configuration



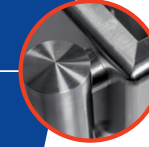
Flexus® was developed in accordance with the strict hygienic guidelines for packaged food



Quick release of weighing and transportation belts without the use of tools



The open frame, without any hollow parts, enables quick inspection and easy cleaning



Rounded edges, minimal horizontal and contact surfaces between screwed parts reduce contamination and cleaning times



Easy inspection and cleaning through increased floor clearance and reduced floor contact



To learn more about Flexus®, scan the QR code and watch the video

www.minebea-intec.com/en/videos/flexus

Easily adjustable through intelligent design

Packaging lines and the critical control points they contain, need to accommodate fast and easy switching between products and changing line configurations. Flexus® makes this possible with minimum effort:

- The upper frame construction allows simple mounting of additional modules
- The width of the conveyor belts can easily be altered for different product sizes
- Always at the right level: the transport height can be varied using the adjustable feet



We develop our products based on a wide range of hygienic design guidelines.

In-line checkweighers

Econus®

Econus® is the ideal economic solution for non-approved weighing applications, completeness checks and for optimizing filling processes. Furthermore it offers extreme operator friendliness and through its open tubular construction, easy inspection and cleaning. Further features include:

- Maximum throughput of 120 pcs. per minute
- Integrated learn function allowing an easy and fast product change by line operators without the involvement of an engineer
- IP54 protection class, IP65 available as an option
- Weight: approx. 120 kg (depending on configuration)



Econus®

Synus®

With its modular and configurable design, Synus® can cover numerous applications including those requiring Weight & Measures approvals. Further features include:

- EMFC high-resolution weighcell technology offering a high throughput combined with maximum accuracy
- Maximum throughput of 250 pcs. per minute
- Optimized standard configurations for versatile applications
- Possibility for integrating a Vistus® metal detector, even after initial installation
- Adjustable conveyor height, allowing you to adapt the checkweigher to changing situations
- Weight: approx. 250 kg (depending on configuration)



Synus®



EMFC Technology

EWK CD VV

Fully enclosed checkweigher for the food industry. Through its IP69 protection class, cleaning with a water hose is no problem at all. Further features include:

- EMFC high-resolution weighcell technology offering a high throughput combined with maximum accuracy
- Optional Weight & Measure approval
- Maximum throughput of 600 pcs. per minute
- Weighing capacity: up to 20 kg
- Optionally available as all-stainless-steel version
- Possibility for integrating a Vistus® metal detector, even after initial installation
- Weight: approx. 320 kg (depending on configuration)



EWK CD VV



Hygienic Design



EMFC Technology

Combination units checkweigher/metal detector

Our combination units offer you next to the checkweighing functionality, the reliable detection of metallic foreign bodies through integrated Vistus® metal detection technology. This solution significantly reduces required line space and optimizes user control. Both the checkweigher and metal detector are controlled via one ergonomically designed user interface.



Flexus® combination unit with Vistus®

Vistus® metal detectors for optimum consumer protection

Vistus® metal detectors are specifically designed for the food industry. They feature:

- Multi-frequency technology offering premium detection performance
- Fast and easy switching between product batches via extensive product memory
- Via the automatic learn-function, products can be set up or adjusted fast and error-free by line operators without requiring special training or knowledge and without the involvement of an engineer



To learn more about metal
detection in general, download
our White Paper here!



www.metal-detection.info/en