Combics – The scale series for the food industry
We support our customers with weighing technology for the entire process chain

Based on the specific requirements of the food industry and the basic legal conditions, we have developed intelligent solutions for all weighing applications, from incoming goods through to production on a large technical scale. With the Combics series, we support our customers in the production of high-quality, attractive and safe products.

The unsurpassed precision of Combics helps you to best utilize the raw materials and to increase yield. A design made for longevity and flexibility stands for reliability and user-friendliness.

Since the topic of hygiene is nowadays of utmost importance in food production, the consistent hygienic design of our solutions is a great asset. All Combics scales meet EHEDG specifications. The materials and surfaces used significantly contribute to minimizing contamination. The devices can be cleaned very easily and thus can also be used under harsh conditions.

Our Combics series provides security by way of its state of the art communication and documentation options. Comprehensive interfaces to data management systems and process controls allow an optimum flow of information.

This guarantees traceability to individual process steps. Typical weighing applications are supported by diverse software applications.

Of course, our Combics series meets current quality and safety standards. We are happy to support you with national and international certificates.

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Reliability | Robustness

- High weight bearing construction with simultaneous display accuracy
- High overload protection
- Good linearity and reproducibility
- Error elimination through simple operating design and clearly labeled keys
- Can be used within a very wide temperature range

Easy to clean

- Supports HACCP compliant production with hygienic design according to EHEDG
- Open design to avoid dirt clusters
- Use of high-grade alloy stainless steel
- High IP protection up to IP69K for cleaning using a high pressure cleaner

Connection diversity

- Connection to inventory management systems via OPC
- Process integration via Profibus DP
- Versatile interfaces, such as Ethernet TCP/IP, RS232/485
- Simple connection of printer and barcode systems
Combics – the intelligent system for your specific applications

Combics provides support in all areas of your process chain, from manual formulations up to PC controlled production checks. The modular system allows tailor-made configuration of the individual components for each area. We also produce individual complete solutions according to your specific applications.
Weight recording
- Simple operation, large variety of connection options to data processing systems
- Fast, stable measuring results
- Individual label design with logo and specific texts
- Recording of material consumption and yield by connection to inventory management systems

Manual formulation
- Precise initial weight because of high measurement accuracy
- Simple connection to formulation systems
- Flexible documentation and logging
- Barcode scanner for error-free data transfer

Checkweighing
- Supports different applications for quality assurance, e.g. random samples, integrity checks, etc.
- Fast feedback through visual elements such as color indicator lights and bar graphs
- Flexible documentation and logging
- Connection to PC-supported quality management system

Filling
- Reproducible events in a short timeframe
- Automatic optimization of the fill process
- Database for different drum sizes minimizes input errors
- Diverse interfaces for process connection
- Flexible documentation and logging

The Combics 3 Ex terminal is ideally suited for use in potentially explosive atmospheres of zones 1 and 21 where gas and dust are present. With our Ex platforms (standard up to 3 t) you can compile your complete scale solution. An even broader field of weighing applications is opened up by the seamless integration options for the entire range of load cells from Sartorius.
Combics – Standard components combined individually

1. Complete solution, flexibly manufactured

Combics indicators
- Choice of 3 indicators (different application levels)
- IP protection class: IP44 or IP69K
- Calibratable up to 10,000 e

Combics platforms
- Painted or stainless steel design
- 3 kg to 3 t
- 320 x 240 mm to 2,000 x 1,500 mm
- IP protection class IP65 or IP69K
- Resolution up to 30,000 steps

2. Individual components for optimum integration
Combics industrial scales – the right model for every weighing task

We follow your lead! You choose the components from our standard range that are specifically suited for your production processes in the food industry – and we deliver a fully installed scale.

Of course you can also order all indicators and platforms (the individual components) separately for individual installation.

Combics: Flexible | Individual | Reliable

Combics Pro Terminal
– Freely programmable terminal
– High interface diversity
– Extensive application programs
– IP protection class: IP69K

Combics - High resolution models
– Resolution up to 340,000 steps
– 16 kg to 300 kg
– 400 x 300 mm to 800 x 600 mm
– IP protection indicator: IP69K
– IP protection platforms: IP65 or IP67
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<th>Country</th>
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