

## Well-balanced

Combined expertise in  
food technology from  
Sartorius | GWT | Boekels

**Sartorius MA 45 ...**

... compact reliability for moisture analysis. At the heart of its space-saving design is a new, especially rugged core – the monolithic weigh cell. The key features of this analyzer replacing the field-proven MA 30: weighing capacity extended to 45 g, temperature range from 40°C to 230°C, infrared heat source with standby function for particularly fast heating, three modes for endpoint determination of a measurement (fully or semi-automatic or timer mode), easy-to-understand operating design, and GLP-compliant printouts.

**Sartorius Professional Meters ...**

... for professional electrochemical analysis in the laboratory. Ideal operating and data management features. Choose from a range of modular-design versions to find the right meter for your requirements.

The functions are just as professional: graphical display for calibration curves with up to 5 calibration points (up to 7 calibration points for ion-selective analysis); simultaneous display of the measured value and temperature, also for parallel measurements; research-grade – i.e., the highest – measuring accuracy (+0.1 mV) over a wide range of concentrations; high level of reliability and repeatability of the results ... just to cite a few of the key features.

**Sartorius LA Master<sup>pro</sup> ...**

... is the ideal series of balances for laboratory use. With an extensive range of features, it offers the right solution for any weighing or application requirements. The plain-text prompts for optimal operator guidance in conjunction with the graphical display enable especially easy operation in any menu settings. With functions, such as the fully automatic calibration and adjustment function isoCAL, input capability for alphanumeric sample IDs or ISO/GLP-compliant recording capability for printouts of all measured results, LA balances are perfect for meeting the requirements of monitoring the accuracy of measuring equipment.

Built-in application programs, such as back-weighing, density determination or formulation, put more speed and ease into routine applications.

Sartorius' proprietary, patented monolithic weighing technology used in all LA models guarantees reliable weighing results over the long term and features incredibly fast response time.

Together, Sartorius, GWT and Boekels deliver amazing performance for smooth-running production processes. From incoming goods to outgoing goods inspection, we offer rugged, modular weighing equipment – all the way to customized configurations. See for yourself!

**Sartorius Combs ...**

... is designed to meet the most stringent requirements placed on food production. This is a whole new generation of industrial scales and weighing equipment. Rugged, flexible and modular, this series features weighing capacities from 3 kg to 3,000 kg, and selectable resolutions of 3,000 e, 2 x 3,000 e, 15,000 d and 30,00 d. Combs also offers you a choice of IP 65, IP 67 and IP68 protection ratings. Stainless steel versions are available in AISI 304 or AISI 316 Ti.

Three indicators – display and control units – are supplied. They feature large keys, clear, easy-to-read digits, +/- LEDs for checkweighing or classification, and multifunctional ABC keys.



### Sartorius SEB Food Scale ...

... made entirely of AISI 316 Ti stainless steel, this scale features a hygienic washdown design. It offers you a choice of bead-blasted or electropolished finished, and has a hermetically sealed weigh cell. SEB is dust-tight and washdown- or immersion-protected to conform with IP 66 or IP 68. Moreover, the Chair of Process Engineering of Disperse Systems at Technical University of Munich, Germany, has tested the SEB and issued an evaluation report. It confirms that the SEB is especially suitable for use in wet environments in the food industry – exactly the design features that HACCP and EHEDG require of the food industry: easy to clean and disinfect.

### Sartorius WM Weighing Modules ...

... the easy way to enter the world of automation. WM has been largely standardized, yet remains flexible for application-specific customization. It is ideal for incoming goods inspection. Designed to monitor individual products weighing up to 120 kg, WM checks up to 60 products per minute. This automatically accelerates the pace of quality control.

### Boekels Discovery PLUS Metal Detector...

... with 3-band multifrequency sounding up to 1 MHz. Whether you need to check for metal particles in gumdrops packaged in plastic bags, chocolate bars in paper wrappers or candy in aluminum foil, Discovery PLUS immediately adjusts itself to maximum sensitivity for the change on products. Fuzzy logic recognizes the product profile and evaluates the product's conductivity ... generating 100% traceable documentation of the process data.

### Boekels EWK 1000 PLUS Compact Checkweigher...

... makes it even easier for you to start with in-line monitoring. You can even comply with the requirements for legal metrology. The EWK 1000 PLUS features 2 weighing ranges (0-3 kg, e = 1 g / 0 - 6 kg, e = 2 g). It's highly flexible for adapting to a variety of weighing table or bench dimensions – up to 500 x 300 mm. In addition, the checkweigher is protected according to IP65 and has a maintenance-free motor and trend controller software. It can be connected to the quality control system Sartorius ProControl for Windows (SPCfWin). This makes the EWK 1000 PLUS a stainless steel checkweigher of choice in the food industry.

### Boekels High-Capacity Checkweigher WS 30 kg | WS 60 kg ...

... the right checkweigher for any weight range. The rugged weighing system in conjunction with the electronic EWK evaluator constitutes a genuine high-performance checkweigher for monitoring weights, checking the completeness of products in bulk packages, sacks, boxes, bags and combination packages. Approved as legal for trade, this checkweigher guarantees compliance with your country's legal prepackage requirements. Moreover, this checkweigher interfaces with the quality assurance system Sartorius ProControl for Windows (SPCfWin).



**GWT X5-Series System Controller...**

... the new generation for intelligent process weighing allows displaying, operating and controlling all from a single source unit. The design ensures easy mounting and installation as well as trouble-free and low-maintenance operation. A key for starting a self-test permits easy detection and localization of potential trouble. For raw material and product storage, the LOG-X5 keeps accurate track of stock. The IBC-X5 controls filling and discharge processes – and the FLOW-X5 and BATCH X-5 are designed for automated recipe-controlled dosing and batching. All these controllers feature unequalled reliability and functionality.

**GWT PanCake® Level Cell...**

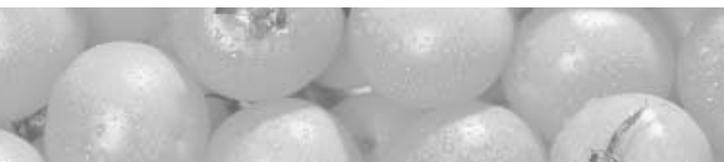
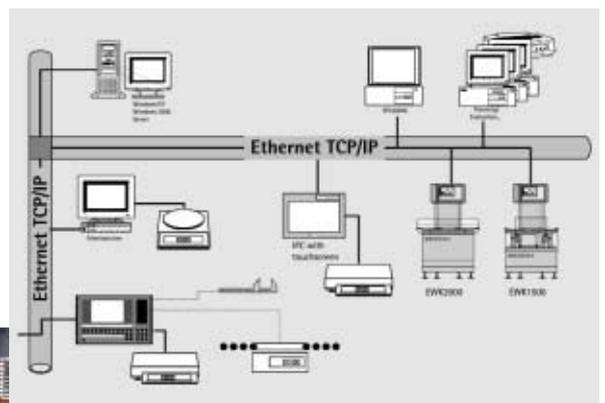
... a compact and neat solution to big and messy problems in fill level control of tanks and silos. This level-by-weight control cell does not come in contact with your product and thus features the ideal hygienic design. The GWT Level Cell provides the highest economy and precision under any conceivable circumstances, regardless of the liquid or material filled in tanks or silos and regardless of the ambient conditions. This ultraflat PanCake, Level Cell delivers results with a resolution of better than 0.1% in a measuring range from 0 to more than 50 t of tank or silo capacity. The Level Cell can be quickly and easily retrofitted for absolutely reliable fill level control of silos, tanks and containers.

**SartoPac Basic...**

... provides the compact, fast basis for reliable average weight control of prepackaged products. Located right at the production line or in your quality assurance lab, it enables you to check, document and evaluate up to 100 products within a minimum of space. Moreover, in the SPC mode, you can monitor your process within user-definable limits (2 -T limits and 2 +T limits). At the press of a key, you have instant access to all main functions. SartoPac Basic facilitates entering real product names and lot numbers. The isoTEST function with its self-testing, calibration, adjustment and documentation capabilities makes SartoPac Basic the ISO-compliant test equipment you can rely on.

**Sartorius ProControl for Windows...**

... called SPCfWin for short. This software makes essential inline checkweighing and monitoring functions simple and "compatible": statistical process control, average weight control or checking the net weight of prepackaged products, and attribute testing. The configurable capabilities of SPCfWin allow easy custom-tailored process evaluation. SPCfWin offers you unbeatable graphical evaluation functions and affordable archiving over the years – your "system for proof of compliance" of your production processes. Sartorius ProControl for Windows is easy to integrate into any data-processing environment.



## Wherever you need us – we'll give you worldwide service from a single source.

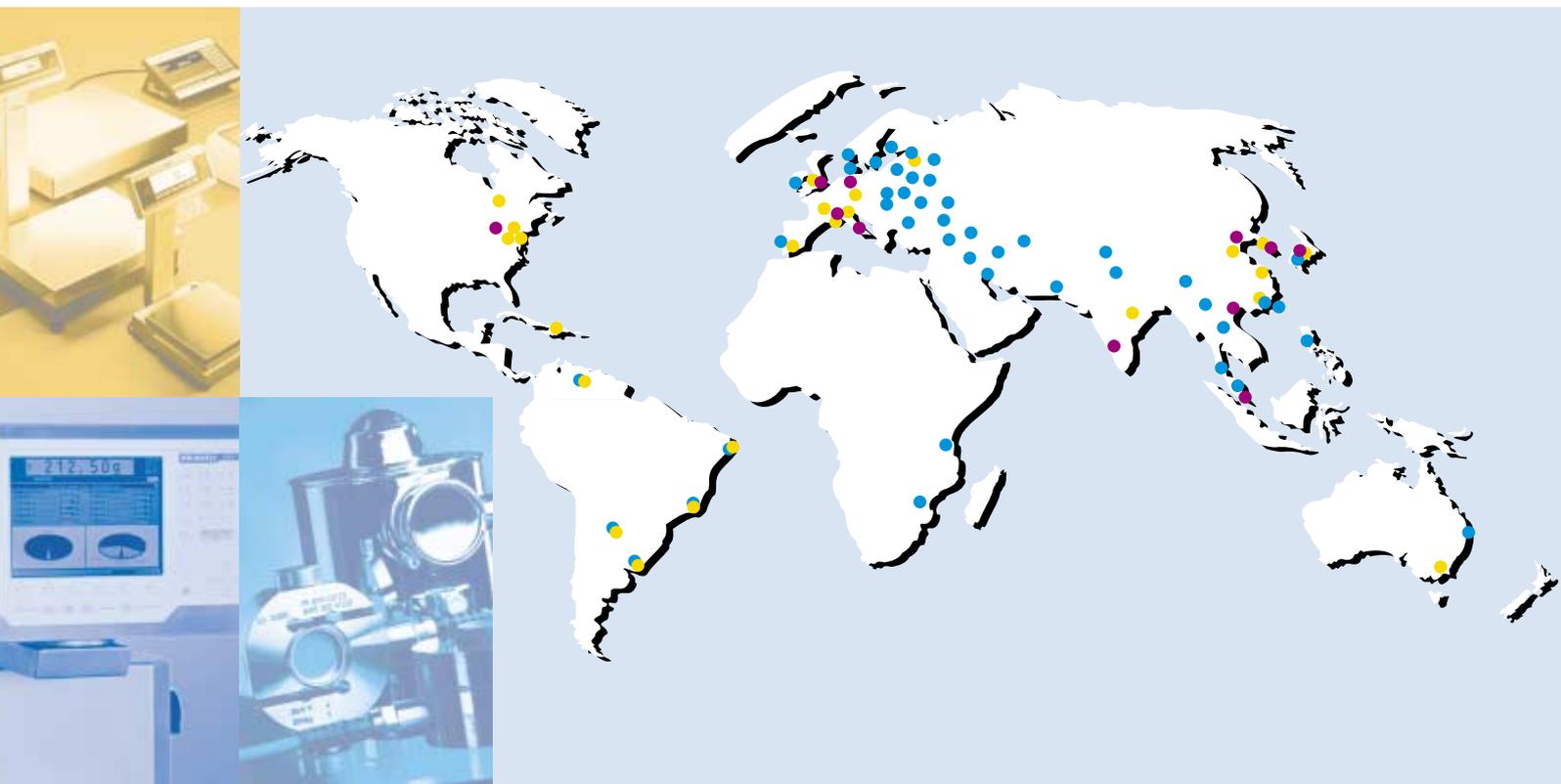
Joined under one roof of the Sartorius Group, the Sartorius, GWT, and Boekels brands are available in a global network – for sales, service and research in the field of weighing technology.

Each location combines the core areas of competence of all brands – to your benefit and to ensure your success.

Represented in 160 countries, we place a premium on being near you when it comes to service. In Germany alone, over 80 highly qualified technicians are ready to provide on-site service – right near you.

To us, service means:

- Qualified technical advice right from the start
- Startup
- Introduction of equipment and training of operating personnel
- Preparation for and support during verification, and initial verification service for legal metrology
- Calibration services
- Repairs, module exchange and spare parts service
- Training courses
- Online services
- Service and maintenance agreements



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