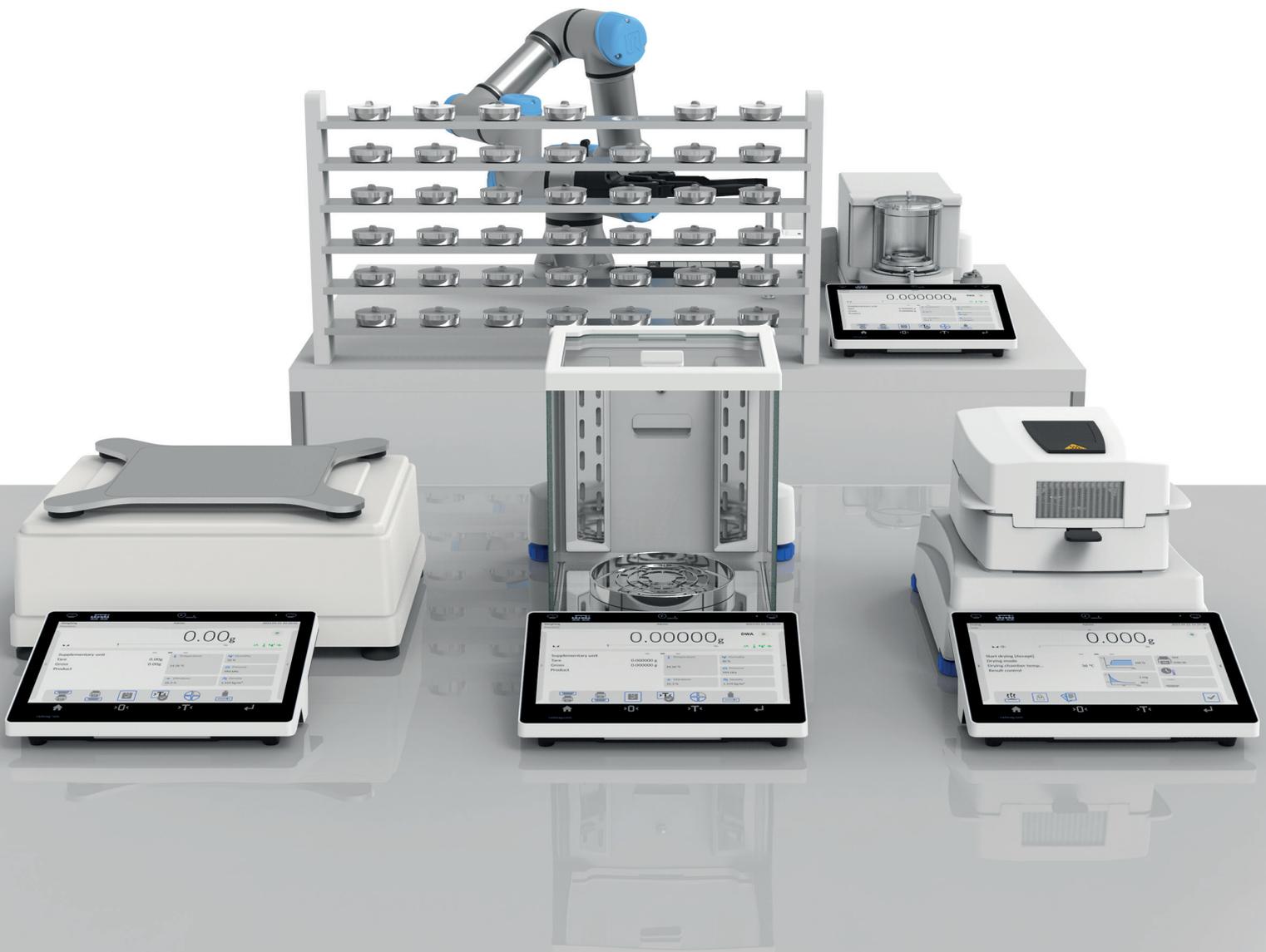




# Advanced Weighing Technologies



# THE ROAD TO NANO-PRECISION



It all started with a simple **ceramic scale**. We produced spring kitchen scales in two color variants: with blue or brown decorations.

The next milestone was **mechanical letter scales**. We manufactured them using the simple technologies available at that time and supplied them to the Polish Post.

When it seemed that the technology for producing measuring instruments had reached its limits, RADWAG raised the bar even higher. As a result, **today we can weigh on the nano scale** – with eight decimal places – as proven by the world's first automatic mass comparator NANO.AK-4/500.5Y.

We haven't said the last word yet, nor have we displayed the last zero after the decimal point.

# 400 EXPERTS

**A company is not only about products – it is, above all, about people.** The creation of an electronic scale involves a whole chain of people, each link equally essential. It all began with one man – Witold Lewandowski – who, 40 years ago, had a dream and the courage to pursue it at a particularly challenging moment in history.

Today, **RADWAG employs over 400 people:** engineers, software developers, scale assemblers, quality controllers, and scientists. Each of them is equally important, and none could function without the others. Engineers design the mechanical and electronic aspects of the device, while programmers develop the software. Scale assemblers handle the assembly, quality controllers ensure the final product meets the highest standards, and scientists test the finished devices to explore their full range of possibilities and applications, sharing their findings in articles and application notes for other researchers and users.

**Everything we do, we do for you.** For 40 years, our guiding principle has been the satisfaction of the users of our scales. Your satisfaction.



# GLOBAL SALES



For many years, **RADWAG has been a leader** in the production of modern electronic scales and measurement systems. The company's dynamic growth is confirmed by its global presence – thanks to an extensive distribution network and professional technical support, RADWAG products reach customers all over the world.

In Poland, Radwag is present through eight branches that focus exclusively on sales and local service support.

To be closer to its customers, **RADWAG has established a network of international branches** in key regions: the USA, Spain, the United Kingdom, the Czech Republic, Germany, France, Brazil, and China. These branches handle local distribution, service, and technical support, adapting the offer to the specific needs of each market.

**RADWAG's global presence** is the result of a growth strategy based on innovation, quality, and customer proximity. Thanks to its international structure, the company can quickly respond to market demands, develop new products, and maintain the highest standard of service.

# CUSTOMER SUPPORT

For many years, **RADWAG has focused on providing comprehensive customer service**, offering not only top-quality equipment but also expert support. The company conducts pre-sales training to help customers fully understand the capabilities of the offered devices and choose solutions best suited to their needs. **As a result, users clearly understand the functions** and technical parameters of the equipment even before purchase.

After the installation of devices, RADWAG continues to support its customers by organizing post-sales training. **These sessions help staff quickly learn** how to operate the scales in everyday work and make full use of their potential.

The company also provides educational materials and ongoing access to specialists, making it easier to maintain high operational efficiency.

An **integral part of RADWAG's offer is its modern technical service**, which ensures fast and effective support in case of any issues. The company's qualified technicians carry out inspections, maintenance, and repairs, ensuring the reliability and long service life of the equipment. Thanks to a wide network of branches, RADWAG's service is available both in Poland and in many countries worldwide.



# PRODUCTS

RADWAG is a **leading manufacturer of scales and weighing systems**, offering a wide range of products designed for laboratories, industry, and the medical sector.

The offer includes, among others:



Laboratory balances



Balances for pipettes



Mass comparators



Medical scales



Balances for filter weighing



Balances for pharma



Industrial scales



Balances for stents



Scales for EX areas



Mass standards



Checkweighers



Weighing tables



PGC scales



Accessories



Weighing modules



Software



Weighing terminals



Full offer at [radwag.com](http://radwag.com)

# LABORATORY BALANCES

RADWAG offers a **wide range of laboratory balances** designed for research laboratories as well as the pharmaceutical and chemical industries. **The product line includes ultra-microbalances and microbalances**, providing the highest precision of measurement at the level of decimal fractions of a microgram, essential for advanced analyses.

The company also manufactures **analytical and precision balances**, distinguished by their accuracy, stability, and intuitive operation. Advanced electronics and robust construction ensure reliability in both standard and specialized applications.

Completing the offer are **moisture analyzers**, combining the functions of weighing and determining the moisture content of samples. They enable fast and precise analyses in quality control laboratories and material testing.



Full range of **laboratory balances** at [radwag.com](http://radwag.com)

# MASS COMPARATORS



RADWAG is a **leading manufacturer of mass comparators** for the calibration and adjustment of weights. These devices guarantee the highest measurement accuracy, meeting strict metrological standards, which is why they are widely used in accredited laboratories and national metrology institutes.

The offer also includes **vacuum mass comparators** for metrological institutions and **robotic mass comparators** that automate the weighing process and ensure maximum repeatability of results. Modern stabilization systems and advanced measurement software make the calibration process fast and error-free.

RADWAG manufactures comparators in various accuracy classes – **from basic models to the most advanced ones**. The company also provides training and professional service, ensuring the reliability and long service life of its devices.



Full range of [mass comparators](https://www.radwag.com) at [radwag.com](https://www.radwag.com)

# BALANCES FOR FILTER WEIGHING

RADWAG manufactures **modern balances for precise weighing of filters** used in air quality research and environmental protection. These devices deliver top measurement accuracy and meet the needs of research laboratories and environmental institutions.

The range includes **automatic and robotic filter weighing balances** that speed up the weighing of large sample volumes. Integrated handling systems, environmental stabilization, and advanced software ensure fast, repeatable, and error-free measurements.

RADWAG offers various configurations along with training and professional service, providing a complete, reliable solution for long-term operation.



Full range of **balances for filter weighing** at [radwag.com](https://www.radwag.com)

# INDUSTRIAL SCALES



RADWAG offers a **wide range of industrial scales**, including high-resolution platform scales that guarantee precise measurements even in demanding production environments. Their robust construction and advanced electronics make them suitable for various industries, from logistics to chemical and food production.

**Each platform in RADWAG's offer can be freely configured with any terminal** produced by the company, allowing for the creation of systems perfectly tailored to user needs. This flexibility facilitates integration with existing processes and enables full automation of weighing in industrial plants.



Full range of **industrial scales** at [radwag.com](https://www.radwag.com)

# SCALES FOR EX AREAS

RADWAG offers **scales designed for use in EX zones, areas with explosion hazards** where the highest safety standards apply. These devices meet strict ATEX requirements, ensuring safe and reliable weighing in the chemical, petrochemical, and pharmaceutical industries.

RADWAG EX zone scales **combine high measurement accuracy with resistance to harsh environmental conditions**. They can be integrated with various company terminals, enabling the creation of flexible and fully safe weighing systems tailored to the needs of production facilities.

RADWAG EX zone scales **can be easily integrated with industrial process control systems**, allowing automatic data transfer and full control over production processes. This solution increases operational efficiency, minimizes the risk of errors, and ensures compliance with safety requirements.



Full range of [scales for EX areas](https://www.radwag.com) at [radwag.com](https://www.radwag.com)

# CHECKWEIGHERS



RADWAG manufactures **automatic checkweighers designed for use in production lines**. These devices enable fast and precise weighing of products in motion, without the need to interrupt the production process. This ensures that each item is checked for weight compliance, helping to meet quality and legal requirements in various industries, including food and pharmaceuticals.

RADWAG checkweighers **can be fully integrated with production line** control systems. Equipped with advanced software and automatic rejection of non-compliant products, they deliver high efficiency and eliminate human error, increasing the overall productivity of the process.



Full range of [checkweighers](https://www.radwag.com) at [radwag.com](https://www.radwag.com)

# PGC SCALES

RADWAG offers **scales designed for the control of prepackaged goods (PGC)**, available in both dynamic and static versions. Dynamic scales enable rapid weight measurement of products without stopping the production line, significantly increasing process efficiency. Static scales, on the other hand, are ideal for smaller production batches or where manual operation and full control of each package are required.

All RADWAG **PGC scales meet strict legal requirements** for the control of prepackaged goods. They can be easily integrated with production systems and configured according to user needs, ensuring measurement accuracy and full compliance with applicable standards.



Full range of **PGC scales** at [radwag.com](http://radwag.com)

# WEIGHING MODULES



RADWAG offers **weighing modules in both laboratory and industrial** versions, serving as the foundation for building various weighing systems. They can be used in simple weighing stations as well as in advanced installations integrated with production processes.

Laboratory modules provide **the highest measurement precision**, essential for scientific research, the pharmaceutical industry, and the chemical sector. **Industrial modules, on the other hand, are designed for demanding environments** and for weighing large loads, controlling material flow, and dosing raw materials in production lines.

All RADWAG weighing modules **can be easily integrated with control systems and industrial automation**. This allows the creation of flexible and efficient solutions tailored to the individual needs of users and the specifics of each application.



Full range of [weighing modules](https://www.radwag.com) at [radwag.com](https://www.radwag.com)

# WEIGHING TERMINALS

RADWAG offers modern weighing terminals that serve as **the control center for various types of scales and weighing systems**. Equipped with intuitive interfaces, advanced software, and high-performance processors, the terminals enable not only weight readout but also the handling of advanced functions such as statistics, process control, and integration with company IT systems.

RADWAG weighing terminals are fully **compatible with all platforms and weighing modules in the company's offer**. This allows for flexible configuration, creating solutions tailored to specific needs – from simple weighing stations to fully automated production lines with comprehensive process control.



Full range of [weighing terminals](http://radwag.com) at [radwag.com](http://radwag.com)

# BALANCES FOR PIPETTES

RADWAG offers **specialized balances designed for the calibration of single- and multi-channel pipettes**, providing the highest measurement precision required in research, pharmaceutical, and medical laboratories. These devices enable accurate determination of the volume of dispensed liquids using the gravimetric method, meeting international quality standards.

RADWAG pipette calibration balances are suitable for both single- and multi-channel pipettes, allowing versatile use across various laboratories. **Equipped with dedicated software and stable measurement systems**, they ensure repeatable results and easy operation even with large numbers of samples.

With the ability to **integrate with IT systems** and options for automatic data collection, these balances support complete documentation of the calibration process. This saves time, minimizes errors, and ensures the highest standards of quality control.



Full range of **balances for pipettes calibration** at [radwag.com](https://www.radwag.com)

# MEDICAL SCALES



Radwag manufactures **modern medical scales** for hospitals, clinics, and medical offices. These devices ensure precise body weight and height measurement, delivering consistent and accurate results essential for patient care. Their robust design and intuitive operation meet the needs of everyday medical work while offering long-term durability even in intensive-use environments.

All models comply with **metrological and medical standards**, ensuring safety, measurement reliability, and full regulatory compliance.

The product range includes **personal, chair, and bed scales**, enabling medical facilities to choose solutions for standard use as well as for patients with limited mobility. Additional options allow customization to meet specific workflow requirements, helping medical staff work more efficiently and comfortably.



Full range of [medical scales](https://www.radwag.com) at [radwag.com](https://www.radwag.com)

# BALANCES FOR PHARMACY



Radwag scales are widely used in the **pharmaceutical industry, where measurement precision is critical for product quality and safety**. The company's devices are employed in processes such as raw material weighing, quality control of intermediates and finished drugs, as well as in laboratory.

Radwag scales **comply with Good Manufacturing Practice (GMP) requirements and the 21 CFR Part 11 standard**, enabling their use in environments with the highest regulatory demands. Additionally, they can be integrated with IT systems, allowing full control and documentation of weighing processes in line with applicable pharmaceutical standards.



Full range of **balances for pharmacy** at [radwag.com](https://www.radwag.com)

# BALANCES FOR STENTS

Radwag offers **specialized scales designed for weighing stents used in cardiology and vascular surgery**. In this field, the highest precision of measurement is essential, as the weight of a stent directly affects its quality, safety, and effectiveness in patient treatment.

Radwag stent scales comply with strict standards applicable in the **medical sector, ensuring repeatable and reliable results**. They enable medical device manufacturers to maintain full quality control, supporting certification processes and compliance with international standards.

Thanks to **exceptional accuracy and the ability to integrate with quality control systems**, Radwag stent scales support the development of modern medical technologies. They allow real-time monitoring of production parameters, which translates into improved patient safety and compliance of medical products with stringent industry regulations.



Full range of **balances for stents** at [radwag.com](https://www.radwag.com)

# MASS STANDARDS



Radwag offers weight standards that meet strict international norms such as **OIML and classes E1, E2, F1, F2, M1 and M2**. They are used for the calibration and adjustment of balances in accredited laboratories, industry, and metrological institutions. Thanks to their precision engineering and the use of high-quality materials, mass standards ensure mass stability and long-term resistance to environmental factors.

The product range includes **single low-mass standards, complete sets, and high-capacity mass standards**, allowing calibration of various types of balances—from laboratory to industrial scales. These products are available in different accuracy classes, enabling users to select the most suitable solution for their specific requirements.

Radwag mass standards are used not only in manufacturing plants and laboratories but also in **metrology offices and research and development centers**, where the highest reliability of measurements is required. In this way, they support quality assurance and compliance with international standards.



Full range of [mass standards](https://www.radwag.com) at [radwag.com](https://www.radwag.com)

# WEIGHING TABLES

Radwag weighing tables are **designed to eliminate vibrations and external disturbances** that may affect weighing accuracy. Their special construction ensures maximum stability, which is crucial when working with ultra-microbalances and other precision instruments.

**Made from high-quality materials**, Radwag weighing tables guarantee durability and user comfort. Available in various sizes and configurations, they allow customization of the workspace to meet the specific needs of laboratories and production facilities.



Full range of [weighing tables](https://www.radwag.com) at [radwag.com](https://www.radwag.com)

# ACCESSORIES



Radwag offers a **wide range of accessories** that complement and extend the functionality of all products in its offer. These include printers for documenting results, additional displays for increased user convenience, and barcode scanners enabling quick sample identification and integration with data management systems.

The product range also includes kits for determining the density of solids and liquids, allowing laboratory balances to be used for more advanced analyses without the need to invest in separate equipment.

All Radwag accessories are **fully compatible** with different series of balances and modules, enabling the creation of solutions tailored to individual needs. This flexibility allows laboratories and production facilities to expand device functionality as they grow, improving efficiency and convenience in everyday operations.



Full range of **accessories** at [radwag.com](https://www.radwag.com)

# SOFTWARE

Radwag offers **professional software** designed to work with Radwag balances and measurement systems. These programs enable full control of weighing processes, data collection and archiving, as well as the creation of reports and analyses, significantly facilitating quality control and compliance with legal and industry standards.

**Radwag software allows easy integration** of balances with enterprise IT systems, including ERP and LIMS systems. As a result, weighing processes can be fully automated, and data can be transferred in real time, increasing efficiency and minimizing the risk of errors.

The product range includes different software versions – from **basic modules for small laboratories to advanced systems for large production facilities**. This ensures that solutions can be tailored to the individual needs of customers and scaled as the business grows.



Full range of **software** at [radwag.com](https://www.radwag.com)

Scan the **QR Code**



or **visit** our website at **radwag.com**  
to explore **the full range of our products**

