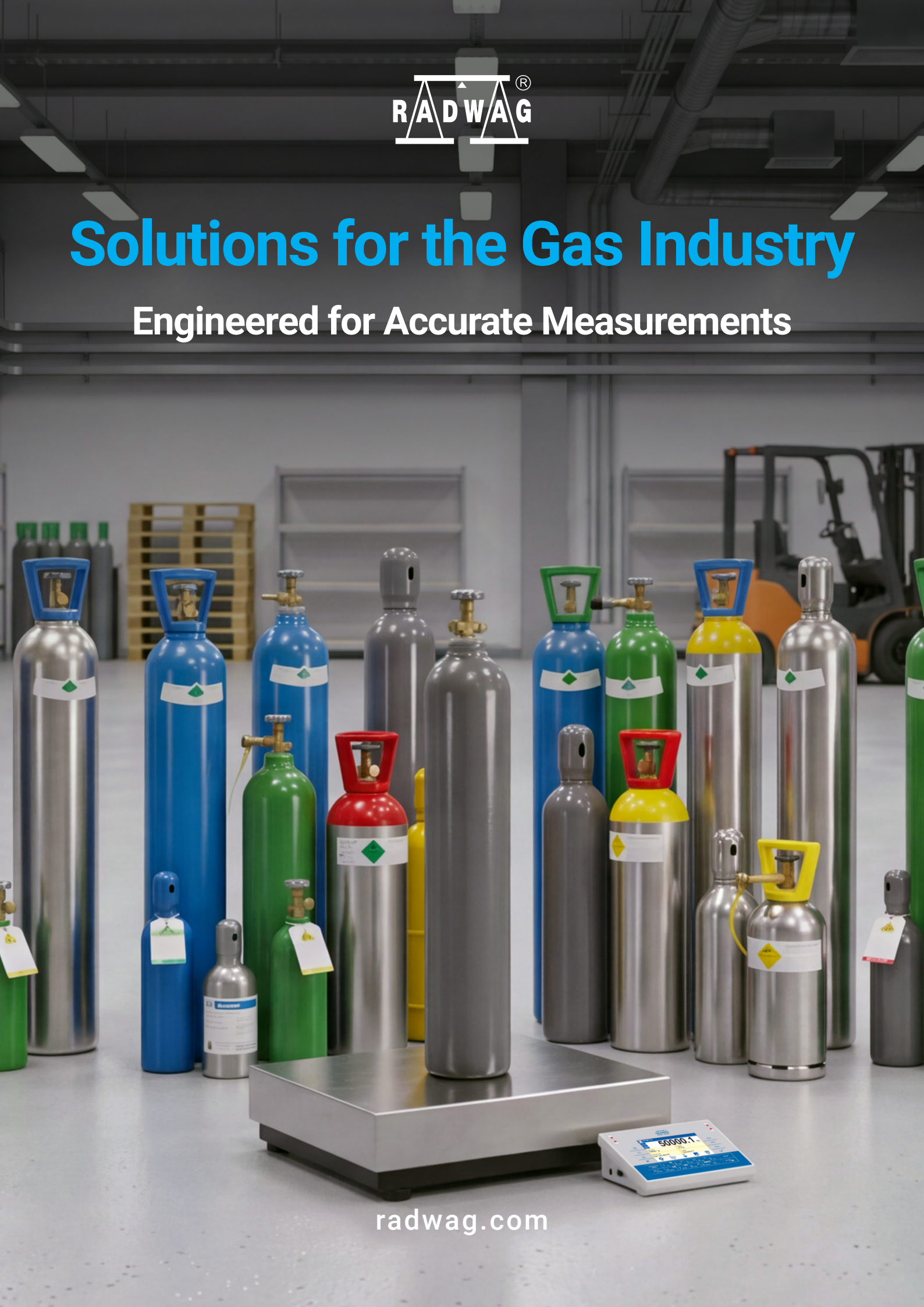
Solutions for the Gas Industry

Engineered for Accurate Measurements



radwag.com

Supporting Quality Across the Gas Industry

Reliable Measurements for Every Stage of Gas Production and Analysis

The gas industry relies on precise analytical measurements to maintain product quality, ensure operational safety, and comply with international standards. Whether working with natural gas, LNG, hydrogen, biogas, industrial gases or specialty gases, laboratory weighing plays a critical role in quality assurance and metrological traceability.

RADWAG anlytical balances, precision balances and mass comparators support laboratories involved in:

- Analytical testing of gas-related samples
- Preparation of calibration standards
- Quality control of production processes
- Research and development
- Calibration of laboratory equipment and reference weights

With exceptional accuracy, repeatability and advanced data management capabilities, RADWAG instruments help laboratories maintain confidence in every measurement.

Why Choose RADWAG?

- High measurement accuracy and repeatability
- Full data traceability
- Compliance with GLP/GMP and ISO laboratory requirements
- Automatic internal adjustment
- Advanced user interface with intuitive operation
- Easy integration with laboratory information systems
- Reliable operation in demanding laboratory environments



XA.5Y.A Analytical Balances

Designed for high-precision analytical measurements, the XA.5Y.A series combines excellent readability with intelligent data management and advanced weighing functions. These balances are ideal for laboratories performing sample preparation, analytical testing and quality control.

Typical applications:

- Determination of gas sample mass for a defined volume
- Preparation and verification of gas samples
- Quality control in gas laboratories
- Research and development
- Preparation of calibration standards

XA 5Y.A

Scan the QR Code to Explore the Full Range of XA 5Y.A Analytical Balances

MODEL	Product code	Maximum capacity [Max]	Readability [d]	Repeatability [5% Max]	Display	Weighing pan dimensions
XA 210.5Y.A	WL-110-0003	210 g	0.01 mg	0.005 mg	10” colour touchscreen	ø90 mm open-work, ø85 mm (option)
XA 520.5Y.A	WL-110-0008	520 g	0.1 mg	0.07 mg	10” colour touchscreen	ø100mm



5Y.PM Precision Balances

Precision balances provide fast, stable and reliable measurements for routine laboratory and production tasks in the gas industry. Depending on the model, they offer weighing capacities of up to 60 kg and readability from 0.01 g, providing an optimal combination of weighing range and measurement accuracy. A large 10-inch touchscreen ensures intuitive operation and excellent user comfort.

Typical applications:
- Gas cylinder mass control
- Verification of gas filling quantities
- Mass determination of gas samples
- Preparation of calibration standards
- Quality control in gas production processes

5Y.PM

Scan the QR Code to Explore the Full Range of 5Y.PM Precision Balances

MODEL	Product code	Maximum capacity [Max]	Readability [d]	Repeatability [5% Max]	Display	Weighing pan dimensions
5Y.10.PM	WL-224-0001	10 kg	0.01 g	0.0041 g	10” colour touchscreen	200×185mm
5Y.35.PM	WL-224-0005	35 kg	0.1 g	0.041 g	10” colour touchscreen	350×260mm
5Y.60.PM	WL-224-0007	60 kg	0.1 g	0.041 g	10” colour touchscreen	400×500mm



C32.PM Precision Balances

Precision balances provide fast, stable and reliable measurements for routine laboratory and production tasks in the gas industry. A wide range of models, with weighing capacities of up to 60 kg and readability starting from 0.01 g, allows users to select the balance that best meets their weighing range and accuracy requirements.

Typical applications:
- Gas cylinder mass control
- Verification of gas filling quantities
- Mass determination before and after gas filling
- Preparation of calibration standards
- Quality control in gas production processes

C32.PM

Scan the QR Code to Explore the Full Range of C32.PM Precision Balances

MODEL	Product code	Maximum capacity [Max]	Readability [d]	Repeatability [5% Max]	Display	Weighing pan dimensions
C32.10.PM	WL-223-0005	10 kg	0.01 g	0.0041 g	5” colour	200×185mm
C32.35.PM	WL-223-0007	35 kg	0.1 g	0.041 g	5” colour	350×260mm
C32.60.PM	WL-223-0081	60 kg	0.1 g	0.041 g	5” colour	400×500mm



HRP 5Y.KO Mass Comparators

The HRP.5Y.KO series is designed for highly accurate mass determination and comparison of heavy objects, making it particularly suitable for applications involving gas cylinders. Combining excellent repeatability with reliable long-term performance, these comparators support precise mass control in laboratories and industrial environments.

Typical applications:
- High-precision mass determination of gas cylinders
- Gas cylinder mass control before and after filling
- Verification of gas filling quantities
- Calibration and verification of reference weights
- Quality control in gas production and filling processes

HRP 5Y.KO

Scan the QR Code to Explore the Full Range of HRP 5Y.KO Mass Comparators

MODEL	Product code	Maximum capacity [Max]	Readability [d]	Repeatability [5% Max]	Display	Weighing pan dimensions
HRP 150.1.5Y.KO	WL-414-0023	151 kg	0.5 g	0.1 g	10” colour touchscreen	800×600mm
HRP 500.1.5Y.KO	WL-414-0026	510 kg	0.5 g	0.2 g	10” colour touchscreen	1000×800mm
HRP 1000.1.5Y.KO	WL-414-0032	1050 kg	0.5 g	0.9 g	10” colour touchscreen	1000×800mm



APP 5Y.KO Mass Comparators

The APP 5Y.KO mass comparator, designed for high-precision measurements of heavy loads, combines a maximum capacity of 30.5 kg with an exceptional readability of 1 mg.
This combination enables highly accurate mass determination of heavy objects, making the comparator ideally suited for demanding metrological and laboratory applications.

Typical applications:
- High-precision mass determination of objects weighing up to 30.5 kg,
- Gas cylinder mass control before and after filling,
- Calibration and comparison of mass standards,
- Ensuring metrological traceability in quality control processes.

APP 5Y.KO

Scan the QR Code to Explore the Full Range of APP 5Y.KO Mass Comparators

MODEL	Product code	Maximum capacity [Max]	Readability [d]	Repeatability [5% Max]	Display	Weighing pan dimensions
APP 30.5Y.KO	WL-407-0037	30.5 kg	1 mg	2 mg	10” colour touchscreen	ø220 (ø300) mm

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