

MYA Microbalance

by RADWAG



Indispensable in a Steel Mill

In winter 2022, our distributor took part in a tender regarding a **highly accurate balance and a matching antivibration table**. It was a steel mill who turned out to be a buyer. The parties arranged a friendly meeting in our partner's office for a demonstration. The steel mill was intended to procure a competitor's product, but after the presentation and technical challenging, RADWAG's partner convinced the buyer to consider the **MYA 21.4Y PLUS Microbalance**. Our distributor advised his guests that his engineer had to visit the buyer site and study the room where the microbalance was planned to be installed.



Indeed, it is a fact that the balance parameters influence the weighing result. However, the credit for that does not go to them exclusively. Of a crucial importance are also the conditions at the workstation, namely:

- ✓ Weighing instrument location (antivibration table if vibrations or quakes may occur, no magnetic components and static electricity, no air drafts, stable and protected against disturbances power supply system)
- ✓ Cubic capacity of the workroom (sufficiently large room and reasonable number of people in it at the same time)
- ✓ Temperature (the temperature should not vary more than 0.5°C per hour)
- ✓ Humidity (the optimum humidity value is 40-60%)
- ✓ Air drafts (the weighing instrument cannot be placed near door, windows, air conditioning, fans, traffic routes and devices that generate air drafts)
- ✓ Light (the balance should be installed away from windows and other light sources)
- ✓ Electromagnetic compatibility (extra tests proving balance compatibility with, for example, PN--EN 61326-1 standard, are required).



Two months later, the customer invited our distributor's engineer to visit his site. The expert checked the building and instructed where to install and use the microbalance with an antivibration table.

After two more visits at our partner's headquarters, one revisit and long negotiations, the steel mill has made a decision: the company placed an order for a **MYA 21.4Y PLUS Microbalance and an antivibration table**. In spring 2023, RADWAG's distributor delivered, installed and commissioned the unit for the customer, who is very satisfied with the device and thankful.

The MYA 21.4Y PLUS Microbalance and the series that this balance represents are no longer available in RADWAG's offer. The balances and other weighing devices of the 4Y PLUS series have been replaced by far more advanced **5Y series**.



MYA 21.5Y Microbalance, alike the other balances in this series, is based on the 5Y weighing terminal to which it owe its unique features:



The MYA Microbalances are very precise laboratory devices. They have unmatched repeatability values, their readability is impressively high (from 1 μg), and their maximum capacity – very small (to 52 g). It is these three features that make MYA Microbalances excellent weighing devices for very small masses, used in **research laboratories, including pharmaceutical, physical, chemical, biological and medical** ones. Thanks to the best weighing parameters, the microbalances of this series will prove themselves in the most advanced laboratory processes.

**Our partner's customer – the steel mill – is pleased with his choice.
You will be too.**

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