**sd ≤ 1d
weighing faster than you think
2-point adjustment system**

radwagusa.com

4Y

**Brand new series
of laboratory balances**

PROFESSIONAL LEVEL

4Y

Professional level of weighing
The highest measurement accuracy

Innovative 2-point adjustment system
Brand new adjustment system guarantees the highest measurement accuracy. It minimizes linearity errors simultaneously providing reliable indications for the whole weighing range.

Faster measurement with the new CPU
4Y balances feature Dual Core 2 x 1 GB processor which delivers noticeable performance improvements including faster operation and shorter stabilization time retaining high repeatability values.

Monitoring and elimination of electrostatics
Installation of an additional deionizer module in a weighing chamber facilitates automatic detection and elimination of electrostatics effect to which both, sample and container intended for measurement may be subjected.

8 GB RAM – more data management possibilities
8 GB RAM offers possibility of recording data in a form of complex reports. Time and statistic data diagrams on series of weighments are another useful option.

The best possible repeatability and USP regulations conformity
The best weighing accuracy and repeatability – with sd $\leq$ 1d combined with USP regulations conformity (Section 41 and 1251) make 4Y balances a new standard for mass measurement quality.

Ergonomics and safety
Wireless communication between balance terminal and a weighing unit make it possible to comfortably operate 4Y series balances in laminar air flow cabinets and fume cupboards.

Remote control operation
Wireless module offers wireless transfer of data recorded by 4Y balance to any portable device powered by iOS or Android systems using special applications intended for data management.

Data safety
Every single 4Y balance features ALIBI memory designed to provide protection and automatic recording of your measurements. Options such as data preview, copying and archiving are also available to users.

	UYA 4Y	UYA 4Y.F	MYA 4Y	MYA 4Y.P	MYA 4Y.F	XA 4Y	XA 4Y.A	XA 4Y.F
Maximum capacity [Max]	2.1 g	2.1 g	0.8 - 52 g	21 g	5.1 g	52 - 310 g	52 - 310 g	52 - 110 g
Readability [d]	0.1 µg	0.1 µg	1 - 10 µg	1 µg	1 µg	0.01 - 0.1 mg	0.01 - 0.1 mg	0.01 mg
Minimum weight USP	0.8 mg	0.8 mg	1.4 - 2.4 mg	3 mg	2 mg	20 - 160 mg	20 - 160 mg	20 - 24 mg
Weighing pan dimensions	ø16 mm	ø50 mm	ø 16, ø 26, ø 40, ø 60 mm	ø26 mm	ø 26, ø 100, ø 160 mm	ø 85, ø 90, ø 100 mm	ø 85, ø 90, ø 100 mm	210 × 254, ø 85, ø 90 mm
Filters weighing	○	◉	◎	○	◉	○	○	◉
Pipettes calibration	○	○	◎	◉	○	◉	◉	○
Automatically opened door	◉	○	◉	◉	○	○	◉	○
Display	5.7" color touchscreen							
Adjustacja	automatic (internal)							
Communication interfaces	2 × USB-A, 2 × RS 232, Ethernet, Wireless Module, 4 × IN / 4 × OUT (digital)							