RADWAG BALANCES AND SCALES
ADVANCED WEIGHING TECHNOLOGIES

Perfect repeatability: sd ≤ 1d
Maximum Speed and Weighing Accuracy
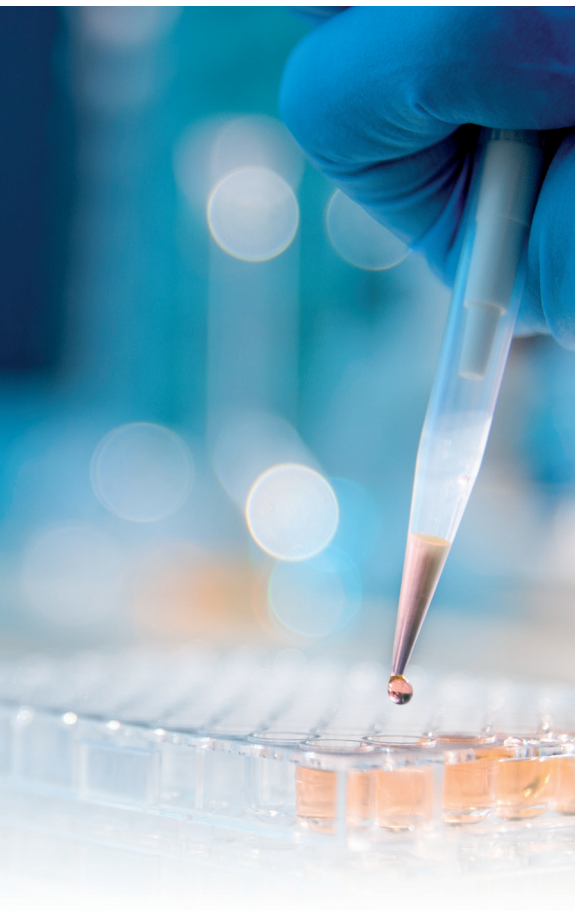**2-point adjustment system**

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.

Integrated Antistatic Ionizer
The antistatic ionizer, an in-built component of XA 4Y.A analytical balance, neutralizes electric charges inside the weighing chamber upon placing the sample in it.

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.

Modern System of Automatic Door Opening and Closing
The automatic system for weighing chamber's door opening and closing guarantees smooth and quiet door movement. The solution enables to define how wide the door is to be opened.

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 ≤ 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.
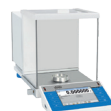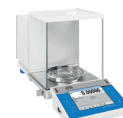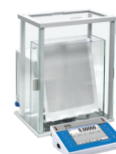
	UYA 4Y MYA 4Y	UYA 4Y.F MYA 4Y.F	MYA 4Y.P	XA 4Y.M XA 4Y.M.A	XA 4Y XA 4Y.A	XA 4Y.F
Maximum capacity [Max]	0.8 g - 52 g	2.1 g - 5.1 g	21 g	6 g - 52 g	52 g - 310 g	52 g - 110 g
Readability [d]	0.1 µg - 10 µg	0.1 µg - 1 µg	1 µg	1 µg - 5 µg	0.01 mg - 0.1 mg	0.01 mg
Minimum weight	0.05 mg - 0.4 mg	0.05 mg - 0.2 mg	0.24 mg	0.26 mg - 0.7 mg	1.2 mg - 16 mg	1.2 mg - 1.4 mg
Minimum weight USP	0.5 mg - 4 mg	0.5 mg - 2 mg	2.4 mg	2.6 mg - 7 mg	12 mg - 160 mg	12 mg - 14 mg
Weighing pan dimensions	ø16 mm, ø26 mm, ø40 mm, ø60 mm (for filters)	ø26 mm, ø50 mm, ø100 mm, ø160 mm	ø26 mm	ø90 mm, ø100 mm, ø85 mm (option)	ø90 mm, ø100 mm, ø85 mm (option)	210×254 mm (for filters), ø90 mm, ø85 mm (option)
Stabilization time	8 s - 20 s	8 s - 20 s	10 s	~3.5 s	2.5 s - 4 s	~5s (30 s for filters)
Adjustment	Internal	Internal	Internal	Internal	Internal	Internal
Display	5.7" colour touch screen	5.7" colour touch screen	5.7" colour touch screen	5.7" colour touch screen	5.7" colour touch screen	5.7" colour touch screen
Communication interfaces	2×USB-A, 2×RS 232, Ethernet, 4×IN, 4×OUT, Wi-Fi®	2×USB-A, 2×RS 232, Ethernet, 4×IN, 4×OUT, Wi-Fi®	2×USB-A, 2×RS 232, Ethernet, 4×IN, 4×OUT, Wi-Fi®	2×USB-A, 2×RS 232, Ethernet, 4×IN, 4×OUT, Wi-Fi®	2×USB-A, 2×RS 232, Ethernet, 4×IN, 4×OUT, Wi-Fi®	2×USB-A, 2×RS 232, Ethernet, 4×IN, 4×OUT, Wi-Fi®
Automatic sliding door	●	–	●	● (only XA 4Y.M.A)	● (only XA 4Y.A)	–
Pipettes calibration	–	–	●	–	●*	–
Filters weighing	–	●	–	–	–	●

* pipette calibration possible exclusively with use of a dedicated adapter for calibration of pipettes | Wi-Fi® is a registered trademark of Wi-Fi Alliance.

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