BVS
BEYOND VALUABLE SOLUTION

RADWAG®



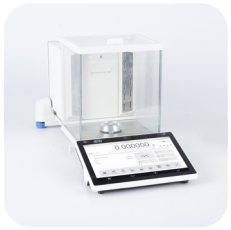
LABORATORY BALANCES

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5Y SERIES



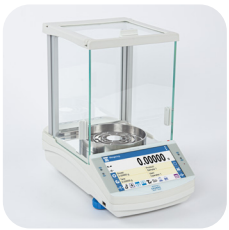
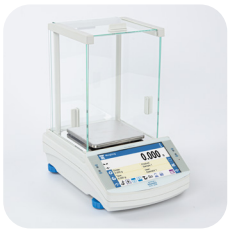



	Ultra-microbalances	Microbalances	Microbalances	Analytical balances
Technical specifications	**UYA 5Y** **UYA 5Y.F** for filters	**MYA 5Y** **MYA 5Y.P** for pipettes **MYA 5Y.F** for filters **MYA 5Y.F1** for filters	**XA 5Y.M.A** **XA 5Y.M*** **XA 5Y.M.A.P** for pipettes **XA 5Y.M.A.S** for stents	**XA 5Y.A** **XA 5Y*** **XA 5Y.F*** for filters
Maximum capacity [Max]	2.1 – 6.1 g	0.8 – 52 g	6 g – 53 g	52 – 520 g
Readability [d]	0.1 µg	1 – 10 µg	1 – 5 µg	0.01 – 1 mg
Standard repeatability [5% Max]* **	0.15 – 0.2 µg	0.8 – 1.2 µg	0.6 – 1.2 µg	0.005 – 0.07 mg
Stabilization time* **	10 - 20 s	8 s	4 s	1.3 – 4 s, 30 s**
Adjustment	Internal	Internal	Internal	Internal
Levelling system	Automatic – Reflex Level System	Automatic – Reflex Level System	Automatic – Reflex Level System *Semi-automatic LevelSENSING	Automatic – Reflex Level System *Semi-automatic LevelSENSING
Display	10" colour touchscreen	10" colour touchscreen	10" colour touchscreen	10" colour touchscreen
Weighing pan dimensions	UYA 5Y – ø16 mm UYA 5Y.F – ø70 for filters + ø16 mm	MYA 5Y – ø26 mm MYA 5Y.P – ø26 mm MYA 5Y.F – ø70 for filters + ø16 mm MYA 5Y.F1 – ø160 for filters + ø16 mm	XA 5Y.M.A – ø30 mm XA 5Y.M – ø30 mm XA 5Y.M.A.P – ø26 mm XA 5Y.M.A.S – ø30 mm + inteded for stents	XA 5Y.A – ø90, ø100, ø85 (option) mm XA 5Y – ø90, ø100, ø85 (option) mm XA 5Y.F – ø90, ø85 (option), 210×254 mm for filters
Communication interfaces	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot

*semi-automatic LevelSENSING Levelling Systen **for filters ***for moisture analyzers, the given values of other parameters ****Wi-Fi® is a registered trademark of Wi-Fi Alliance®.

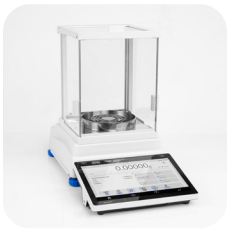
X7 SERIES




	Analytical balances	Precision balances	Moisture Analyzers
Technical specifications	**AS X7**	**PS X7**	**MA X7**
Maximum capacity [Max]	60 – 3100 g	200 – 10100 g	50 – 210 g
Readability [d]	0.01 – 1 mg	1 mg – 10 mg	0.1 – 1 mg
Standard repeatability [5% Max]*	0.01 – 0.5 mg	0.5 – 5 mg	Moisture content readability 0.001 %
Stabilization time*	2 – 3 s	1.5 – 3 s	Drying temp. range max 160 °C, 250 °C
Adjustment	Internal	Internal	Internal
Levelling system	Semi-automatic LevelSENSING	Semi-automatic LevelSENSING	Semi-automatic LevelSENSING
Display	7" colour touchscreen	7" colour touchscreen	7" colour touchscreen
Weighing pan dimensions	ø90, ø100, ø85 (option) mm	128×128, 195×195 mm	ø90 mm, h = 8 mm
Communication interfaces	RS232, USB-A ×2, USB-B, Ethernet, Wi-Fi®**	RS232, USB-A ×2, USB-B, Ethernet, Wi-Fi®**	RS232, USB-A, USB-B, Ethernet, Wi-Fi®**

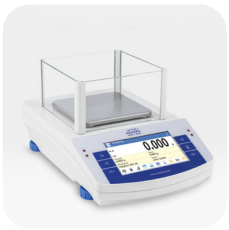
*for moisture analyzers, the given values of other parameters **Wi-Fi® is a registered trademark of Wi-Fi Alliance®.



Analytical balances	Precision balances	Precision balances	Moisture Analyzers	Moisture Analyzers
AS 5Y	**PS 5Y**	**5Y.PM**	**PMV 5Y** microwave	**MA 5Y**
60 – 3100 g	200 – 10100 g	10 – 120 kg	50 g	50 – 210 g
0.01 – 1 mg	1 mg – 10 mg	0.01 – 0.2 g	0.1 mg	0.1 – 1 mg
0.01 – 0.5 mg	0.5 – 5 mg	0.004 – 0.082 µg	Moisture content readability 0.0001 %	Moisture content readability 0.001 %
2 – 3 s	1.5 – 3 s	1 s	Heating power 800 W	Drying temp. range max 160 °C, 250 °C
Internal	Internal	Internal	External	Internal
Semi-automatic LevelSENSING	Semi-automatic LevelSENSING	Semi-automatic LevelSENSING	Semi-automatic LevelSENSING	Semi-automatic LevelSENSING
10" colour touchscreen	10" colour touchscreen	10" colour touchscreen	10" colour touchscreen	10" colour touchscreen
ø90, ø100, ø85 (option) mm	128×128, 195×195 mm	200×185, 350×260 mm	Intended for glass fibre filter ø 90 mm	ø90 mm, h = 8 mm
USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®****, Hotspot

X2 SERIES







	Analytical balances	Precision balances	Moisture Analyzers
Technical specifications	**AS X2**	**PS X2 WLC X2**	**MA X2**
Maximum capacity [Max]	60 – 3100 g	200 – 10100 g	50 – 210 g
Readability [d]	0.01 – 1 mg	1 – 10 mg	0.1 – 1 mg
Standard repeatability [5% Max]*	0.01 – 0.5 mg	0.0014 – 5 mg	Moisture content readability 0.001 %
Stabilization time*	2 – 3 s	1.5 – 4 s	Drying temp. range max 160 °C, 250 °C
Adjustment	Internal	Internal	Internal
Levelling system	Semi-automatic LevelSENSING	Semi-automatic LevelSENSING	Semi-automatic LevelSENSING
Display	5" colour touchscreen	5" colour touchscreen	5" colour touchscreen
Weighing pan dimensions	ø90, ø100, ø85 (option) mm	128×128, 195×195, ø100 mm	ø90 mm, h = 8 mm
Communication interfaces	RS232, USB-A ×2, USB-B, Ethernet, Wi-Fi®**	RS232, USB-A ×2, USB-B, Ethernet, Wi-Fi®**	RS232, USB-A, USB-B, Ethernet, Wi-Fi®**

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R SERIES







	Analytical balances	Precision balances	Moisture Analyzers
Technical specifications	**AS R1 PLUS** **AS R2 PLUS**	**PS R1** **PS R2** **PS R2.H** hermetic interfaces	**MA R**
Maximum capacity [Max]	60 – 3100 g	200 – 10100 g	50 – 210 g
Readability [d]	0.01 – 1 mg	1 mg – 10 mg	0.1 – 1 mg
Standard repeatability [5% Max]*	0.012 – 0.08 mg	0.5 – 5 mg	Moisture content readability 0.001 %
Stabilization time*	2 – 2.5 s	1.5 – 2 s	Drying temp. range max 160 °C, 250 °C
Adjustment	R2 – Internal, R1 - External	R2 – Internal, R1 - External	Internal
Levelling system	Manual	Manual	Manual
Display	LCD (backlit)	LCD (backlit)	LCD (backlit)
Weighing pan dimensions	ø90, ø100, ø85 (option) mm	128×128, 195×195 mm	ø90 mm, h = 8 mm
Communication interfaces	RS232, USB-A ×2, USB-B, Ethernet, Wi-Fi®**	RS232, USB-A ×2, USB-B, Ethernet, Wi-Fi®**	RS232, USB-A, USB-B, Ethernet, Wi-Fi®**

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OTHER LABORATORY BALANCES









	Precision balances	Precision balances	Precision balances	Precision balances
Technical specifications	**CY10**	**C32.PM**	**WLY**	**WLC C/2** **WLC** **WTC**
Maximum capacity [Max]	1 – 120 kg	10 – 120 kg	1 – 120 kg	0.2 – 10 kg
Readability [d]	0.01 g – 2 g	0.01 – 0.2 g	0.01 – 2 g	0.001 – 1 g
Standard repeatability [5% Max]	0.03 –2 g	0.41 – 0.082 g	0.03 – 2 g	0.002 – 1 g
Stabilization time	3 s	1 s	3 s	2 s
Adjustment	External	Internal	External	External
Levelling system	Manual	Manual	Manual	Manual
Display	10" colour touchscreen	5" colour	5.7" colour touchscreen	LCD (backlit)
Weighing pan dimensions	195×195, 300×300, 400×500 mm	200×185, 350×260 mm	195×195, 300×300, 400×500 mm	128×128, 195×195, 300×300, 400×500 ø100 mm
Communication interfaces	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®*, Hotspot	2×RS232, USB-A, USB-B, Ethernet, Wi-Fi®*	2×RS232, 2×USB-A, Ethernet, 4IN/4OUT (digital), Wi-Fi®*	2×RS232, USB-A, USB-B, 4IN/4OUT

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