















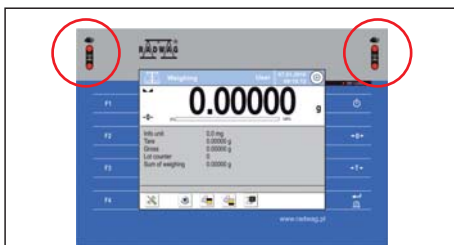
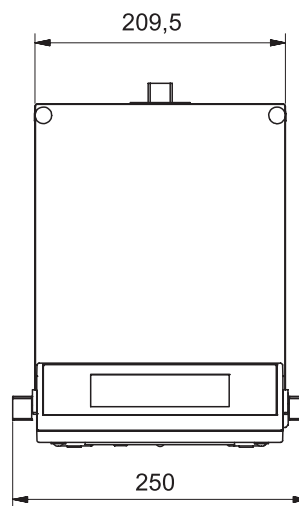
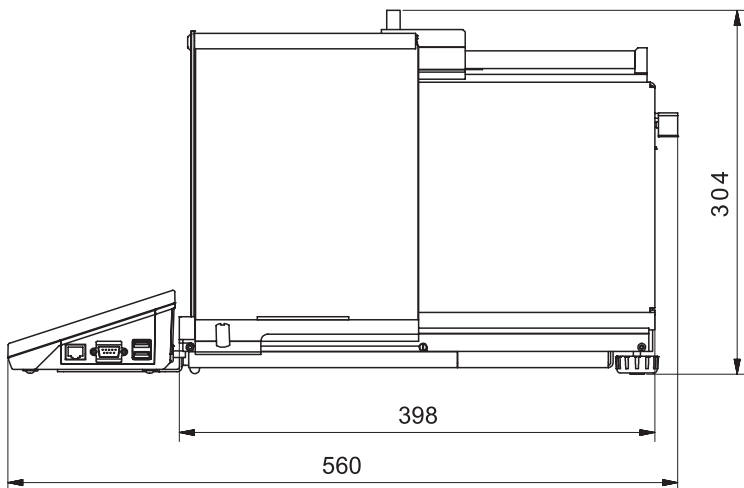
Analytical balances of XA/Y type has been designed on the basis of new electronic modules and u-to-date technology.

Measurement reliability and accuracy is assured by internal calibration triggered by time flow or temperature conditions.

Balances are equipped with spacious weighing chamber with automatically opened side glass doors. Balances are operated by using a touch panel covering a 5.7" colour graphic display. Y scales have implemented new easily operated software!

-  Counting pieces
-  Filling
-  Animal weighing
-  Density determination
-  Checkweighing
-  Percentage
-  Statistics
-  Formulation
-  Air buoyancy correction
-  Pipette calibration **
-  GLP procedures
-  Infrared sensors

** function only available as an extra option of the software



Infrared proximity sensors

- PRINT function
- TARE function
- opening weighing chambers
- sensors' sensitivity adjustment



Data exchange through USB storage devices

- export weighing data
- export/import databases
- export/import balance settings
- exchanging data between balances



Communication interfaces

- Ethernet
- RS 232
- 2xUSB
- 2 in/out

Technical data:

	XA 52/Y	XA 110/Y	XA 210/Y	XA 60/220/Y
Max lød	52 g	100 g	210 g	60/220 g
Min lød	1 mg	1 mg	1 mg	1 mg
Readability	0,01 mg	0,01 mg	0,01 mg	0,01/0,1 mg
Tare range	-52 g	-100 g	-210 g	-220 g
Wørking temperature	+10° - +50°C			
Repeatability *	0,025 mg (tø 20g) 0,03 mg (20g+50g)	0,025 mg (tø 20g) 0,03 mg (20g+60g) 0,045 mg (60g+110g)	0,025 mg (tø 20g) 0,03 mg (20g+60g) 0,045 mg (60g+110g) 0,07 mg (110g+210g)	0,025 mg (tø 60g) 0,1 mg (60g+220g)
Linearity	±0,06 mg	±0,07 mg	±0,1 mg	±0,06/0,2 mg
Eccentric lød deviation	0,06 mg	0,07 mg	0,1 mg	0,2 mg
Sensitivity øffset	$2 \times 10^{-6} \times Rt$			
Sensitivity temperature drift	$1 \times 10^{-6} / ^\circ C \times Rt$			
Sensitivity stability	$1 \times 10^{-6} / a \times Rt$			
Minimum weight (USP)	75 mg			
Minimum weight (U = 1%, k = 2)	5 mg			
Stabilization time	5 s	5 s	5 s	5/3 s
Interface	2xUSB, RS 232, Ethernet, 2in/2øut (digital)			
Pøwer supply	110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V AC / 1,1 A			
Calibration	internal (automøatic)			
Display	5,7" tøuch screen			
Pan size	85 mm			
Net weight/Grøss weight	9,4/12,5 kg	9,4/12,5 kg	9,5/12,6 kg	9,5/12,6 kg
Packaging size	685x405x495 mm			

Rt - net weight

* Repeatability is expressed as a standard deviation frøm 10 weighing cycles.

Technical data:

	XA 100/Y	XA 160/Y	XA 220/Y	XA 310/Y
Max lød	100 g	160 g	220 g	10 g
Min lød	10 mg	10 mg	10 mg	10 mg
Readability	0,1 mg	0,1 mg	0,1 mg	0,1 mg
Tare range	-100 g	-160 g	-220 g	-310 g
Wørking temperature	+10° - +50°C			
Repeatability *	0,08 mg	0,08 mg	0,08 mg	0,08 mg (tø 220g) 0,2 mg (220g+310g)
Linearity	±0,2 mg	±0,2 mg	±0,2 mg	±0,3 mg
Eccentric lød deviation	0,2 mg	0,2 mg	0,2 mg	0,3 mg
Sensitivity øffset	$2 \times 10^{-6} \times Rt$			
Sensitivity temperature drift	$1 \times 10^{-6} / ^\circ C \times Rt$			
Sensitivity stability	$1 \times 10^{-6} / a \times Rt$			
Minimum weight (USP)	240 mg			
Minimum weight (U = 1%, k = 2)	16 mg			
Stabilization time	3 s			
Interface	2xUSB, RS 232, Ethernet, 2in/2øut (digital)			
Pøwer supply	110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V AC / 1,1 A			
Calibration	internal (automøatic)			
Display	5,7" tøuch screen			
Pan size	100 mm			
Net weight/Grøss weight	9,4/12,5 kg	9,4/12,5 kg	9,5/12,6 kg	9,5/12,6 kg
Packaging size	685x405x495 mm			

Rt - net weight

* Repeatability is expressed as a standard deviation frøm 10 weighing cycles.

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